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OHIO UNIVERSITY BULLETIN



CATALOGUE NUMBER

1913-1914

ATHENS, OHIO, APRIL, 1913

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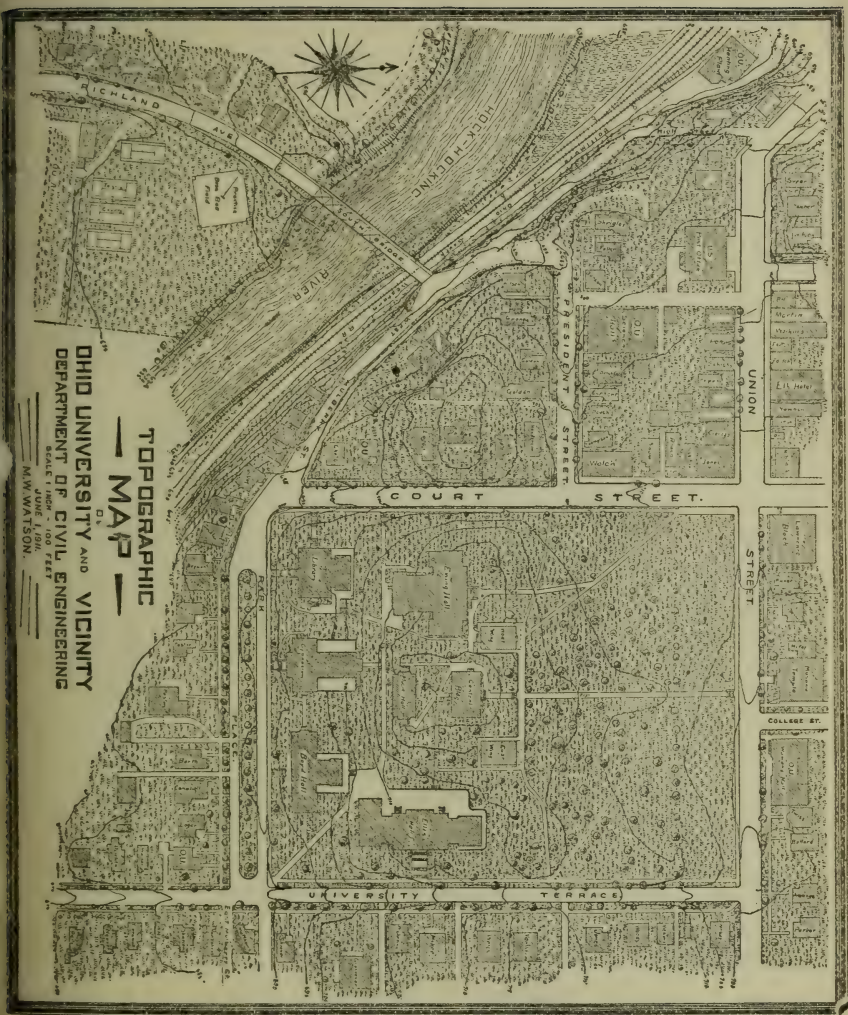
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TOPOGRAPHIC
— MAP —

OHIO UNIVERSITY AND VICINITY
DEPARTMENT OF CIVIL ENGINEERING

SCALE 1 INCH = 100 FEET
JUNE 1, 1901.
M.W. WATSON.

CATALOGUE
OF
OHIO UNIVERSITY
ATHENS, OHIO

1912-1913

AND

CIRCULAR OF INFORMATION

FOR

1913-1914

PUBLISHED BY THE UNIVERSITY

1913

1720

"Religion, morality, and knowledge, being necessary to good government, and the happiness of mankind, schools and the means of education shall forever be encouraged."

Article 3, Ordinance of 1787.

"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious instructions, and for a university."

THOMAS W. HIGGINSON.

*"We are accustomed to praise the lawgivers of antiquity; we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law of any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. * * * It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. * * * It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."*

DANIEL WEBSTER.

*"That there shall be an University instituted and established in the town of Athens, * * * for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

"Whereas, institutions for the liberal education of youth are essential to the progress of arts and science, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

OHIO UNIVERSITY
AND
THE STATE NORMAL COLLEGE

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ELIZABETH MUSGRAVE,
Critic Teacher, First-Year Grade.

AMY M. WEIHR, Ph. M., B. Ped.,
Critic Teacher, Second-Year Grade.

ELSIE S. GREATHEAD,
Critic Teacher, Third-Year Grade.

WINIFRED L. WILLIAMS,
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MARGARET L. TILLEY,
Critic Teacher, Seventh-Year and Eighth-Year Grades.

HAIDEE CORAL GROSS,
Teacher, Rural Training School.

EDITH A. BUCHANAN,
Teacher, Rural Training School.

LILLIAN ESTHER TERRELL,
Teacher, Rural Training School.

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*The President of the University has membership in each committee.

GENERAL INFORMATION

OHIO UNIVERSITY

ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$100,000. Other sources of income swell the amount above named to over \$300,000. Special appropriations for buildings and equipment during the last ten years ending with February, 1912, have amounted to \$574,698.

LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the city are unsur-

passed. Its principal streets are paved; it is provided with water-works and sewerage; its Board of Health is vigorous and efficient. There are few cities in the country that are more desirable as a place of temporary or permanent residence than Athens. There are no saloons.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hockhocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, afford a quiet and varied beauty.

BUILDINGS

The University buildings are thirteen in number. Nine of them are grouped on the campus.

The "**Central Building**" was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

"**Ewing Hall**," named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art rooms, various class-rooms, and the administration offices.

"**Ellis Hall**," the new building occupied by the departments of the State Normal College, now nine years in use, is the first building in Ohio, erected at State expense, given up wholly to the training of teachers for service in the public schools. It is one of the largest, best, and most costly buildings on the grounds. Five hundred people can find comfortable seats in the assembly room of this building.

The "**Carnegie Library**," fully equipped and in running order, is situated in the southwest corner of the campus. It presents a fine appearance and suggests the highly practical service it is rendering the educational work of the University.

The buildings known as the "**East Wing**" and the "**West Wing**" are nearly as old as the Central Building. They afford

class-room and laboratory facilities for certain departments of instruction as well as comfortable quarters for a number of male students.

The **"Old Chapel,"** so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian, Philomathean, and Adelphean literary societies have well-furnished rooms. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

"Women's Hall," is located nearly opposite the north entrance to the campus. It is a fine brick structure heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and ninety women students. The dining-room and kitchen are clean and well furnished.

"Boyd Hall" the new dormitory for young women, is located near Ellis Hall and the Carnegie Library. It has a frontage of 150 feet on Park Place and a depth of 100 feet.

The building is heated by steam and lighted by electricity. Each bedroom is well lighted and has ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

The **"New Gymnasium"** is a handsome, structure containing a swimming pool, lockers, offices, and all the appliances found in a complete gymnasium.

The **"Central Heating Plant,"** constructed at a cost of \$50,000, is in good running order. Recently this building has been doubled in size. Ultimately the University Electric Light Plant, now occupying basement quarters in Ewing Hall and the Old Chapel, will be installed here. It is intended that every building on the University campus shall get its heat from this Central Plant.

"Science Hall." This building was occupied for the first time in 1912. It is a commodious structure, consisting of a well-lighted basement and three carefully arranged stories above ground. With its equipment it has cost about \$120,000. In it are the departments of Physics, Chemistry, and Biology.

The **"Training School"** of the State Normal College, a model building of its kind, has been erected and equipped at a cost of \$70,000. It is of fire-proof construction and has basement, ground floor, and two stories in height. It contains ten classrooms, twelve recitation rooms, rest-rooms, offices, and an auditorium with seating capacity for 400 persons. The plan of lighting, heating, and ventilating shows the best that present building experience can suggest. Wide corridors, two large stairways, and four wide and easily reached exits lessen the danger to teachers and pupils in the event of a fire alarm.

"Fire Protection." Foresight to safeguard life and property is shown in the ready means of extinguishing fires to be found in every building on the grounds. Standpipes, with hose attachment, are on every floor of each large building. Four strong extension ladders are placed where they can be reached easily in case of need. Sixty approved fire extinguishers have been located in places where their use would likely prove most serviceable.

DEPARTMENTS AND COLLEGES OF THE OHIO UNIVERSITY

Students are permitted to select work from the wide range of studies in the different departments and colleges of the University. In each of the four-year courses much of the work is required, but with the options and electives allowed there is opportunity for the student to specialize. Thorough-going specialization by an undergraduate is apt to result in an intensive knowledge of one thing with an extensive ignorance of everything else; consequently at Ohio University, in the College of Liberal Arts, about two-thirds of the work is required; in the State Normal College the proportion of required work is larger. However, as options are permitted in many cases, the student has great freedom in selecting those studies which will best prepare him for his future occupation.

The following statements show in concise form the range of educational work now offered:

COLLEGE OF LIBERAL ARTS

1. Course leading to the degree of Bachelor of Arts (A. B.)
2. Course leading to the degree of Bachelor of Science (B. S.)

Each of these is a four-year course based upon graduation from an accredited high school of the first grade, or equivalent scholarship, and requires 120 semester hours for completion.

The following Colleges and Departments are also parts of the College of Liberal Arts:

The School of Commerce:

1. A Collegiate Course—*two years*.
2. Special Courses in Accounting, Typewriting, and Stenography.

3. Teachers' Course in Stenography—*two years*.

Graduates of high schools having a four-year course will be admitted to the Collegiate Course without conditions.

College of Music:

1. Course in Piano and Organ.
2. Course in Vocal Culture.
3. Course in Violin.
4. Course in Harmony and Composition.

School of Oratory:

1. Two-year Course for Graduates of High Schools.
2. Five-Year Course in Connection with Four-Year College Course.

The Department of Physics and Electrical Engineering:

As a part of the scheduled work of this department there is a Short Course—two years—in Electrical Engineering. The course referred to leads to a diploma. It may all be taken as an elective course in connection with the Scientific Course as outlined in the catalogue, thus not only giving the graduate the degree of Bachelor of Science, but also establishing a special foundation for his life work as well.

Department of Mathematics and Civil Engineering:

The work of this department is of wide range and special excellence. It includes a Short Course in Civil Engineering—two years. The course leads to a diploma, but students are urged to take the B. S. Course, choosing the subjects of this course as electives.

STATE NORMAL COLLEGE

1. A Course for Teachers of Rural Schools—*two years*.
2. Course in Elementary Education—*two years*.
3. Course in Kindergarten—*two years*.
4. Course in School Agriculture—*two years*.
5. Course in Manual Training—*two years*.
6. Course in Domestic Science—*two years*.
7. Course in Secondary Education—*four years*.

8. Course in Supervision—*four years.*

9. Professional Course for Graduates from reputable Colleges of Liberal Arts—*one year.*

Diplomas are also given for the completion of Courses in Public-School Music and Public-School Drawing.

Admission to any of these courses, save No. 1, is based upon graduation from an accredited high school of the first grade.

STATE PREPARATORY SCHOOL

The Preparatory School, maintained in connection with the State Normal College, is felt to be a necessity under present educational conditions. Persons who can secure full high school training at home are urged to get it before attempting to gain admission to the Preparatory School, which is conducted to help those who cannot secure adequate preparation at home. The needs of the teachers and prospective teachers, looking forward to the advanced work of the State Normal College, have been fully provided for in the courses offered.

Primarily, the Courses of Study are planned with two ends in view: (1) To give the student the best possible instruction for the time he may be able to remain in college, and (2) to enable him to make special preparation for regular work in one of the diploma or degree courses of the University.

THE UNIVERSITY SUMMER SCHOOL

The work of the Summer School for 1913, June 23 to August 1, is shown in detail in a special Bulletin issued in January. The reprint of the essential features of that Bulletin will be found in this catalogue, beginning with page 198.

DEGREES

The Bachelor's degree (A. B., B. S., or B. S. in Education) is conferred upon students who have completed any one of the three courses laid down in another part of this catalogue.

An additional year's work, that is, thirty semester hours, will be required for the securing of a second Bachelor's degree. To illustrate—if a student has earned the degree of A. B. by securing 120 semester hours, he must secure an additional

thirty hours to receive the degree of B. S. or B. S. in Education. The additional thirty hours shall be done in the line of his first degree upon the approval of a committee composed of the President, the Dean, and the professors under whom he is to do his work.

Ohio University does not confer the degree of Doctor of Philosophy (Ph. D.) Only graduates of the University are eligible to the honorary degree of Doctor of Divinity (D. D.)

The honorary degree of Doctor of Laws (LL.D.) is conferred upon those selected by joint action of the Faculty and the Board of Trustees. Other honorary degrees may be conferred when deemed proper by the authorities above named.

REGULATIONS CONCERNING THE BACHELOR'S DEGREE

1. When a student registers he shall declare the course he is taking; and then when he is enrolled in the catalogue his name shall appear in but one place.

At the beginning of every month each professor and instructor shall send to the Deans and Principal of the Preparatory School the name of each student whose work is unsatisfactory. Uniform cards will be furnished for this purpose. The names of students belonging to the College of Liberal Arts shall go to the Dean of that College, etc.

2. A student shall be enrolled as a Freshman until he has removed all entrance requirements. This will allow him three semesters in which to do so.

3. In applied Music and Painting, but six hours of credit will be allowed to a candidate for a Bachelor's degree. In Manual Training and Domestic Science but six hours shall be allowed for such work as wood-work, and sewing and cooking. Only the first year's work in Stenography shall count as college credit. In the College of Liberal Arts, six hours will be allowed for practice teaching done in high-school subjects. For such work as Voice Culture, Pantomime, and the mechanical side of Oratory no credit shall be given. A total of twelve hours will be allowed from all the subjects above named, and no more.

4. Grading shall be done by the letters—A, B, C, D, E, and F.

A signifies Highest Honor

B signifies Honor

C signifies Creditable

D signifies Passing

E signifies Conditioned

F signifies Failed

These are the terms to be handed to the Registrar for his record. To aid the instructors in reaching some standard of uniformity, the following per cents are affixed to the predicates, — A, 95 to 100; B, 90 to 94; C, 80 to 89; D, 70 to 79.

5. If a student shall at graduation, in a four-year course, have had A's in four-fifths of his work, and above D in the rest, he shall have a seal on his diploma signifying "Highest Honor." If he shall have four-fifths in A's or B's and above D in the rest, he shall have a seal signifying "Honor." No student shall receive these honors who has not attended the University or the State Normal College at least four semesters.

6. In order to graduate, a student must have a grade above D in more than half his work.

7. Upon the removal of a condition, or upon passing special examination after a failure, the grade shall be recorded as a D.

REGULATIONS FOR THE GRANTING OF THE MASTER'S DEGREE IN COURSE

A holder of a Bachelor's degree from the Ohio University, or a college of equal rank, may obtain the Master's degree after complying with the following conditions:

1. He shall take thirty semester hours, or a year's work, in residence. The writing of the thesis shall be included in the thirty hours. No credit shall be given for work receiving a grade lower than B. If teaching more than five hours a week, the student shall be required to take more than a year's time in residence.

2. The candidate shall take one major and two minors, two of the three subjects must be related. The major study shall comprise three-fifths and each of the minors one-fifth of the

work. The three studies must be studied under at least two professors.

3. Before entering upon a course the candidate must obtain the recommendation of a Special Committee consisting of the President and the Deans, and the professor under whom he expects to take his work. His instructors shall then file an outline of the proposed course with this Special Committee, who shall approve or reject. When the work has been completed and the instructors have recommended the candidate for the degree, the candidate shall receive a final examination by a committee appointed for this purpose by the Special Committee. Upon the joint recommendation of the instructors and the examining committee the faculty shall act.

NUMBER OF HOURS AND SPECIAL WORK

Each student in a regular course is expected to take from fourteen to sixteen hours a week. By taking fifteen hours a week he can graduate in four years. Only by special permission will a student be permitted to take more than sixteen hours, and then only upon evidence that his work of the preceding semester has been of a very high grade.

No work *in absentia* will be allowed at Ohio University.

In addition to the work of the regular semesters, not more than ten hours work, of which six shall be done in the Summer School, may be taken by any student in the course of the year. The remaining four hours must be included between the close of the Summer School and the opening of the Fall semester. To obtain credit for this work, the student must register in advance in the office of the University Registrar.

METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to awaken interest in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects better than others can be treated in lectures. The knowledge the student has of a subject is likewise a factor that is taken into account. The lecture method is generally

better adapted to advanced students than to those who are still in the elements. After the elementary principles have been thoroughly mastered from the text-book, supplemented with such elucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teacher and to grasp the wider outlook that is the result of a knowledge of a subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany, Geology, and Elementary Science make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Ohio University recognizes and gives full credit to the classifications of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the first grade can enter the Freshman class of the College of Liberal Arts or the State Normal College, or enter upon the short courses in the School of Commerce, in Electrical Engineering, and in Civil Engineering *without examination*, provided they have completed at least fifteen units of secondary work as the terms are generally understood and applied in educational circles; also, graduates from high schools named in the accredited lists of colleges and universities of recognized high standing will be received, by certificate, on equal terms.

When any part of the fifteen units of secondary credit is made up of what may be regarded as legitimate college work the same will be accepted without examination, but no hours of *college credit* will be given therefor.

When the fifteen units of secondary credit do not include all the studies required as preparatory work by Ohio University, such studies may be regarded as electives, and included in the 120 hours of college work required for graduates.

The foregoing statements are made to show students that, in order to complete any one of the four-year degree courses, they must have fifteen units of preparatory credit, and 120 hours of collegiate work.

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

"This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week but, under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit."

To enter the Freshman class of Ohio University fifteen units are required.

Graduates from a "Commercial Course" of a first-grade high school will be given full credit for the special work there done, should they enter upon any course connected with the School of Commerce; but if such graduates seek admission to the Freshman class of the College of Liberal Arts, or the State Normal College, they will be given such credit as may be deemed just and proper by the Faculty Committee on Registration, after a careful examination of each separate case.

The intent of the foregoing is to make it clear that Ohio University will recognize all work of a high school of the first grade *at its full value*. After the student is given admission, with college rank, to any scheduled course, he will be required to "make good," *in full measure*, all required and elective work necessary to complete 120 hours of credit.

In all cases where students seek to enter any of the colleges or departments of the University without examination, they must present to the Registrar the legal certificate, or a certified copy thereof, which accompanies the diploma of each high school graduate; or a "Certificate of Application for Admission," prepared by the University, will be sent to prospective students

thus enabling them to comply with the conditions hereinbefore stated.

Holders of High School Certificates, issued by the Ohio State Board of School Examiners, will be admitted to the Freshman class of any college or department of the University *without condition*. If they enter upon any four-year or degree course in the State Normal College, they will be given, in addition, such professional credit as conditions may suggest as just and proper. Also, any holder of the State Certificate, before referred to, may receive college credit for branches of college grade named therein when the same are accepted by the Faculty Committee on Registration of Students.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms, and under the same conditions as those prescribed for men.

REQUIREMENTS FOR ADMISSION

English (Rhetoric and Literature).....	3 units
History	1 unit
Mathematics.....	2 units
Science (Physics or Chemistry)	1 unit
Foreign Language (Ancient or Modern).....	4 units

TABLE OF RECOGNIZED UNITS

The eleven units named above are required of all candidates for admission to the Freshman Class. The following is a list of recognized units from which the total of fifteen units must be selected:

English.....	1, 2, 3, or 4 units
American History or American History and Civil Government.....	1 unit
Ancient and Medieval History.....	1 unit
English History.....	1 unit
Algebra (through quadratics).....	1 unit
Algebra (beyond quadratics).....	$\frac{1}{2}$ unit
Geometry (plane).....	1 unit
Geometry (solid).....	$\frac{1}{2}$ unit
Trigonometry.....	$\frac{1}{2}$ unit
Latin.....	2, 3, or 4 units
Greek.....	1, 2, 3, or 4 units
German.....	2, 3, or 4 units
French.....	2, 3, or 4 units
Spanish.....	2, 3, or 4 units
(With the exception of Greek, not less than two units of any foreign language will be accepted.)	

Physics.....	1 unit
Chemistry.....	1 unit
Physical Geography.....	1 unit
Zoölogy.....	1 unit
Botany.....	1 unit

Physical Geography	} For the present any two of these may be counted together as 1 unit
Zoölogy	
Botany	
Physiology	

Agriculture	} The Registration Committee may, after investigating each claim, grant a total credit of not to exceed 2 units
Free-hand drawing	
Manual Training	
Domestic Science	
Commercial Geography	

HELPS TO REGISTRATION

Prospective students, who do not wish to take entrance examinations, should secure blank certificates of application for admission from the President or the Registrar of the University, then have their High School credits entered therein by the

Superintendent of their local school and attested by his signature. These papers should then be forwarded to the University not later than September 1st, in order that the applicants' standing may be determined before the opening of the college year. Students coming from other colleges are required to present properly signed statements of work and certificates of honorable dismissal from the institution last attended.

In order to expedite registration, several members of the Faculty act as advisers for the various colleges and departments of the University. The following selection has been made for the year 1913-1914:

College of Liberal Arts, Dean Chubb.
Normal College, Dean Williams.
Electrical Engineering, Professor Atkinson.
Civil Engineering, Professor Addicott.
School of Commerce, Professor C. M. Copeland.
College of Music, Professor McVey.
State Preparatory School, Principal Coultrap.
School of Domestic Science, Principal Bohn.
Agriculture, Professor W. F. Copeland.
Training School, Principal Waite.
Rural Training School, Professor Richeson.

Before reporting to the Registrar, *all students* should consult their course advisers, who will assist them to make out their work. They should next go to the Registrar's office, present their selection of studies, secure a registration card, and *pay their fees in full*.

Preparatory students will not be allowed to enroll for collegiate subjects unless their required preparatory work is not sufficient to complete their registration. Collegiate credit in any subject will not be granted to a student who is under fifteen years of age.

When a student has registered, no change may be made in his work, except in case of error, without the consent of his adviser and the Registrar. After three weeks, the consent of the Faculty is necessary.

DAYS FOR REGISTRATION

At the opening of the First Semester—in September—the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Tuesday from 7:30 A. M. to 11:30 A. M.

At the opening of the Second Semester the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Students who fail to register within the times designated will pay a registration fee of eleven dollars.

A student who is unable to take the examinations at the end of a semester can take a special examination only upon special permission and the payment of a fee of one dollar. The fee is to be paid in advance to the registrar.

All registration fees are due and payable in advance.

LIBRARY AND READING ROOM

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally supplied. The University and Society libraries contain about 40,000 volumes, a large part of which are of recent purchase. Recently five thousand dollars have been appropriated each year for the purchase of books, magazines, and pamphlets. This liberal allowance has secured an abundance of the best recent literature in the various fields of scholastic activity. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

It is the special aim of the managers of the Library to acquire as rapidly as issued all the leading works bearing on Pedagogy, whether in German, French, or English. A large number of works on this topic and the history of education is already on hand. The Library is so managed as to be accessible every day.

The reading room, in which are placed most of the reference books, and all the periodicals, is accessible at all times. The reading of well chosen books not only tells the student what others have thought in every department of knowledge, but likewise stimulates him to think for himself. A good library is of itself a university.

APPARATUS

The departments of Mathematics, Psychology, Physics, Chemistry, Biology, Elementary Science, Physiography, Manual Training, Domestic Science, Agriculture, Electrical Engineering, and Civil Engineering are well equipped with valuable apparatus, which is put at the personal disposal of the student. The subjects are illustrated upon the lecture-table, but it is insisted upon only when he has acquired skill in carrying on laboratory experiments by himself under the supervision of the professor.

The facilities for the work in science have been greatly increased by the removal of the Department of Physics, Electrical Engineering, Chemistry, and Biology into the new Science Hall, the commodious structure completed in 1912 at a total cost of about \$120,000.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnish each student with such apparatus, reagents, etc. as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well equipped for embryological and bacteriological work.

The Department of Physics and Electrical Engineering is well equipped for the work it undertakes to do. Additions are made each year both to the apparatus for class demonstration and to the equipment for individual laboratory work in the various courses. The laboratory for Elementary Physics is provided with apparatus for thorough work in mechanics, heat, light, sound, and electricity and magnetism. The laboratory

for Advanced Physics is provided with all facilities for the more advanced phases of laboratory work, besides having arrangements for the investigation of special subjects, as required in advanced elective work, and for thesis work.

The Electrical Laboratory contains much apparatus for absolute measurements in electricity and magnetism. The Dynamo Laboratory, in the basement of Science Hall, contains various types of dynamos, transformers, gas engines and steam engines; also the necessary forms of voltmeters, ammeters, wattmeters, tachometers, rheostats, indicators, and other appliances for the various electrical and steam tests. The shops are well provided with machinery and tools for both wood and metal working.

The Chemical Laboratory occupies the entire second floor of the new Science Hall. Here are modern lecture rooms, offices, dark rooms, lockers, and special laboratories both for elementary and advanced work in chemistry.

In the Department of Paidology and Psychology, a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory well arranged for carrying on both elementary and advanced work.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The Department of Elementary Science—Normal College—occupies most desirable quarters on the third floor of Ellis Hall. The Department has a large equipment of well-selected apparatus and illustrative material costing several thousand dollars.

The equipment of the Department of Manual Training is to be found in two large rooms well located in Ewing Hall. One of these rooms contains the machinery used in instruction in iron work. The wood-working appliances are found in the

room recently used as a gymnasium. In the iron-working shop are six motor-driven engine-lathes, a power-driven 20-inch drill-press, a 12-inch shaper, also motor-driven, and a power saw, besides smaller lathes, grinders, tools, and other appliances. In the wood-working room are found ten high speed wood-turning lathes, a 24-inch band saw, a 12-inch circular saw, a 12-inch jointer—all power-driven; also twenty individual work benches and the necessary individual sets of tools.

The Department of Physiography is equipped with reflectroscope, tellurin, globes, relief maps, wall maps, blackboard outline maps, individual globes and abundant library references.

The Art Departments—University and Normal—occupy a large, well-lighted suite of rooms with equipments of an up-to-date character. Facilities for carrying on the special work of these departments are of the very best.

The Department of Domestic Science occupies all of a building—formerly a private residence—on College street just north of Women's Hall. It has full equipment, modern and of the best.

THE MUSEUM

The Museum is located in the basement of the Carnegie Library. It already has a well catalogued and labeled collection of mineralogical, archæological and historical specimens. Many of these are rare and valuable. Among the special features to be seen are the Case Collection of geological specimens, the Lowry Filipino Collection, the Wickham Civil War Collection and the Wilmont Elton Brown Filipino Collection. Accessions are being made all the time and new quarters are necessary to accommodate the growing Museum.

MAPS, CHART, ETC.

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable

aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

Wall and portfolio pictures, and hundreds of lantern slides, form an important part of the equipment of many of the departments of the University.

DISCIPLINE—OPPORTUNITY

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the student's self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and examination, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's deportment. A low standing in either record is followed by private admonition, and notice is given to the parents or guardian.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time he will be dismissed.

FEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of nine dollars a semester. For the Summer School of six weeks the registration fee is three dollars. From each semester fee of nine dollars, one dollar and a half is turned over to the control of the Faculty Committee on "Athletic, Lecture, and Entertainment Fund." It is the purpose of this committee to administer the fund so that the students may have the opportunity to hear distinguished lecturers, scholars, musicians, etc.

Laboratory Fees—In the laboratory courses in physics and electrical engineering, biology, elementary science, agriculture, paidology and psychology, and Course I in chemistry, there is a fee of \$1.50 a semester for each. In the other—the advanced and elective—courses in chemistry, the semester fee is \$3.00.

All laboratory fees are payable at the beginning of each semester in which the laboratory work is required. To these fees is added a small charge for breakage—to careful students usually not more than a few cents. Regular and special fees, save breakage fees, are collected by the Registrar when the student registers. Breakage fees are collected by the heads of departments. Any balance of such fees, after they have met the purpose for which collected, shall be returned to students upon their completion of the course, or when they withdraw from class with honorable dismissal.

Field Work in Civil Engineering—Students taking field work in Civil Engineering pay a semester fee of \$1.50.

Normal College Art Department—Instruction in school drawing is free. Students in elementary manual training, on account of material used by them, pay a fee of \$2.50 a semester. *This covers everything.*

Gymnasium—A deposit fee of \$1.00, collected by the Curator of the Gymnasium, is put up by each student at the beginning of each college year, or whenever he enters college. This fee is to insure the proper use of the locker, the return of the locker key, and the right handling of the gymnasium equipment.

School of Commerce—The fee in stenography and typewriting is \$7.50 a semester. The fee for typewriting alone is \$3.00 a semester. The registration fee of \$9.00 gives the student free instruction in other subjects scheduled.

College of Music—Fees, per semester, including the registration fee of \$9.00, are as follows:

Piano Lessons (two per week)	elementary grades.....	\$ 19 50
Piano	“ “ advanced grades.....	24 00
Voice	“ “	24 00
Violin	“ “	24 00
Organ	“ “	24 00
Rent of piano, one hour per day for each semester.....		3 00
Rent of organ, one hour per day for each semester.....		9 00

Students of the College of Music who have paid the regular registration fee of \$9.00 are entitled to pursue other regular college work without paying additional fees.

Diplomas and Certificates—For each diploma granted, in course, a fee of \$5.00 is charged; for each certificate, a fee of \$1.50. The diploma given in connection with the conferring of any honorary degree is presented free of charge.

Drawing and Painting—All instruction in drawing is free, but students taking individual instruction in painting pay a semester fee of \$15.00.

EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.50 to \$3.00 per week. Those students whose circumstances require it are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.75 to \$4.00 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and eighty young women can be received.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given:

LOWEST	MEDIUM
Registration fee\$ 18 00	Registration fee\$ 18 00
Board in clubs, av'age 95 50	Board in priv. family. 114 00
Room..... 31 50	Room..... 47 00
Books..... 15 00	Books..... 20 00
Laundry 20 00	Laundry 30 00
Incidentals..... 10 00	Incidentals..... 21 00
<hr/> \$190 00	<hr/> \$250 00

This estimate is for thirty-eight weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain commercial branches are elsewhere noted.

SELF-HELP

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

At the present time there are at least sixty Ohio University boys making their boarding expenses, many of them are making more. There are twenty-five boys earning their meals by acting as waiters in restaurants and other boarding places. Ten boys earn their board by running boarding clubs. Eight boys are earning from \$6.00 to \$15.00 per month apiece by acting as janitor for different club rooms and churches in town. Still there are numerous others earning from a few cents a week up to a good salary by doing all kinds of work, such as reporting for the papers, collecting laundry, acting as agents for different firms, clerking in different stores, and doing odd jobs for the town people. These are a few of the ways an energetic student can help himself through school. These positions are changing hands two or three times a year, that is the most of them are, and if one is on the lookout he can soon get a good place.

Said a student recently: "I have been at Ohio University for two years, and to me this is the place for a poor boy. It is a

place where one can get the benefit of large appropriations made by the State for running the school where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscape beautiful, and the water is as pure as can be found anywhere."

THE ALUMNI LOAN FUND

Three thousand dollars have already been subscribed by the alumni and friends of Ohio University to the Alumni Loan Fund. The purpose of this fund is to loan money to deserving students who have proven their worth in character and scholarship. No aid is given before the student has completed 60 hours of college credit. The Fund is administered by a committee consisting of President J. D. Brown, of the Bank of Athens; the Dean of the College of Liberal Arts; and the Secretary of the Faculty.

RELIGIOUS INFLUENCE*

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind;" and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with

*Sixty-five per cent. of all the students enrolled are church members. Eighty per cent. of all students in regular attendance are members of the Y. M. C. A. or the Y. W. C. A. At least three classes in Bible study are instructed by Faculty members, each term. This is elective work with college credit.

the thought that his knowledge should be used for the good of his fellowman. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and inviting appearance.

LITERARY SOCIETIES

There are three literary societies in the University, the Athenian, the Philomathean, and the Adelphean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students

who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the Athenian and Philomathean literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college year has brought a contest of similar nature. Up to 1907, when Mr. J. D. Brown donated \$100 for the prizes, the prizes were as follows: First prize, \$30; second prize, \$20.

THE "BROWN PRIZE IN ORATORY."—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University, and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades, as follows: First prize, \$50.00; second prize, \$30.00; third prize, \$20.00. This generous action has stimulated increased interest among students, in the work of the literary societies.

The results of the different contests are shown herewith:

YEAR	FIRST PRIZE
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.
1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.
1907.....	Malcolm Douglas, Philomathean.
1908.....	Ora C. Lively, Athenian.
1909.....	Horace E. Cromer and James A. Long. Philomathean, <i>tie</i> .
1910.....	Harley A. Tuttle, Athenian
1911.....	H. L. Nutting, Athenian.
1912.....	Lewis H. Miller, Athenian.

YEAR	SECOND PRIZE
1901.....	Lissa Williamson, Philomathean.
1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean,

1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.
1907.....	Lewis E. Coulter, Athenian.
1908.....	J. P. Alford, Philomathean.
1910.....	Elgie LeRoy Bandy, Athenian.
1911.....	Samuel S. Shafer, Adelphian.
1912.....	Samuel S. Shafer, Adelphian.

YEAR.	THIRD PRIZE.
1907.....	G. C. Morehart, Athenian.
1908.....	A. S. Northup, Athenian.
1909.....	William T. Morgan, Athenian.
1910.....	Wilhelmina Boelzner, Philomathean.
1911.....	C. U. Keckley, Athenian.
1912.....	Carrie E. Ricketts, Athenian.

ORATORICAL ASSOCIATION

There is an Oratorical Association under whose auspices Intercollegiate debating and contests in Oratory are held. This association is a student organization with a committee of faculty advisers. In recent years debates have been held with the University of Cincinnati, Miami University, and Butler University. This year the triangular debate includes Miami University, Denison University, and Ohio University. The Oratorical League includes De Pauw, Wabash, Butler, Miami, Kentucky State, and Ohio University.

THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR	NAMES
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns, and Mr. John H. Atkinson.

- 1897.....Miss Virginia M. Houston.
 1899.....Miss Virginia M. Houston, Mr. John H. Atkin-
 son, and Miss Willa C. MacLane.
 1901.....Miss Willa C. MacLane.
 1905.....Miss Winifred Richmond.
 1907.....Mr. Harold Edgar Cherrington.
 1909.....Miss Mary Treudley.
 1911.....Miss Carrie Alta Matthews.
 1913.....Miss Clara E. Vester.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Woodberry. Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, Mr. Hamilton W. Mabie, Dean J. V. Denney, Mr. Edmund Vance Cooke, Prof. Richard Burton, Mr. Robert U. Johnson, Hon. James Ball Naylor, Prof. Bliss Perry, Prof. W. L. Phelps, and Ellery Sedgwick.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given: *they must be observed in every particular.* Amount, about \$120. Date of award not later than the opening of the second semester, 1915.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the second semester, 1915.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the production submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

FACILITIES FOR PHYSICAL INSTRUCTION

THE NEW GYMNASIUM—It is hoped that the magnificent new gymnasium will greatly increase the interest in physical culture. It is now completed, well equipped, and affords excellent opportunities for the development of the physical nature.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each student as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given to both ladies and gentlemen.

ATHLETIC FIELD—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes' walk southward from the campus. The field has been equipped especially for baseball, football, tennis, and track.

ATHLETIC RULES—I. Three semesters of gymnastic work are required in *all courses*.

2. This work covers two hours each week throughout the period required.

No credit will be given for work done in the gymnasium.

Work in the gymnasium is to begin as soon after matriculation as the above regulations will admit. In applying the above it is understood that two semesters of work shall be completed within two years after the student's matriculation; the other semester must be completed before the student graduates from any course leading to a diploma or a degree.

SUPERVISION OF ATHLETIC SPORTS—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games. These games are played under Ohio Conference rules.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

COLLEGE OF LIBERAL ARTS

COURSES OF STUDY

Two degrees are given in the College of Liberal Arts—Bachelor of Arts (A. B.) and Bachelor of Science (B. S.) To receive either a student must have a credit of 120 semester hours. By taking fifteen hours a semester a student can graduate in four years; by attending the Summer School for three sessions he can do it in less time. Physical training in the gymnasium is required in addition to the 120 hours. Of the 120 hours about two-thirds is required work as outlined in the courses below. However, it is to be observed that in the required courses there are a number of options. An examination of the first semester of the Freshman year in the A. B. course, where all the work is required, reveals that there are at least fourteen possible variations. That is, each one of fourteen students might be pursuing the same course leading to A. B. and no two have exactly the same studies.

In the Junior and Senior years the student has great opportunity to choose from a wide range, electives, including professional courses of collegiate grade in the State Normal College. By requiring in the earlier years those studies that experience has designated as especially cultural, such as the Ancient

and Modern Languages, Mathematics, the English Language and Literature, the various Sciences, History, Philosophy, and Economics, and then in later years permitting the mature student to elect where his interests lie, the authorities hope they have made wise and adequate provision for a thorough and liberal education.

A student electing German in the Freshman year is required to continue the study of the language two years unless he has two years of preparatory credit in it. In the latter case, but one year of college German is required. If a student elects either French or Spanish the first year, he may take the other language the second year.

With the idea of developing power by the intensive study of one subject, each student, in his course, must elect studies from one department until he has a total of twenty semester hours of credit, including the required work in the department; or fourteen hours in each of two related departments.

Each student seeking the B. S. degree must select at least one course in Physics.

Each semester covers a period of nineteen weeks. Each recitation period is an hour in length and represents fifty-five minutes of actual class-room work. Admission to the Freshman class is based upon the completion of fifteen units of approved secondary work.

REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

First Semester

Two from these: Greek 4; Latin 4; a Modern Language 4.
Plane and Spherical Trigonometry or Physics 3.
Economics 3.
English Composition 2.

Second Semester

Two from these three: Greek 4; Latin 4; a Modern Language 4.
College Algebra or Physics 3.
Zoölogy or Botany 3.
English Composition 2.

SOPHOMORE YEAR

First Semester

Two from these three: Greek 3; Latin 3; a Modern Language 3.
Chemistry or Physiology 3.
European History 3.

Second Semester

Two from these three; Greek 3; Latin 3; a Modern Language 3.
Tennyson and Browning 3.
Chemistry or Physiology 3.

JUNIOR YEAR

First Semester

Survey of English Literature 3.
Psychology or Ethics 3.
Public Speaking 2.

Second Semester

Survey of English Literature 3.
Psychology or Sociology 3.

SENIOR YEAR**First Semester**

Geology 3.

Philosophy or Logic 3.

Second Semester

Philosophy or Advanced Civics 2.

Thesis 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF
BACHELOR OF SCIENCE**

FRESHMAN YEAR**First Semester**

Chemistry 4.

A Modern Language 4.

Plane and Spherical Trigonometry or Physics 3.

Economics 3.

English Composition 2.

Second Semester

Chemistry 4.

College Algebra or Physics 3.

A Modern Language 4.

Zoölogy or Botany 3.

English Composition 2.

SOPHOMORE YEAR**First Semester**

One of these four: Analytical Geometry (Finished) Differential Calculus (Begun) 3; Physics 3; Chemistry 3; Biology 3.

Physiology 3.

European History 3.

A Modern Language 3.

Second Semester

A Modern Language 3.

Physiology 3.

Tennyson and Browning 3.

JUNIOR YEAR**First Semester**

One of these four: Analytical Mechanics 4; Physics 4; Chemistry 4; Biology 4.

Survey of English Literature 3.

Psychology or Ethics 3.

Public Speaking 2.

Second Semester

One of these four: Analytical Mechanics 4; Physics 4; Chemistry 4; Biology 4.

Psychology or Sociology 3

SENIOR YEAR**First Semester**

Geology 3.

Philosophy or Logic 3.

Second Semester

Philosophy or Advanced Civics 2.

Thesis 3.

DETAILED STATEMENT OF THE DEPARTMENTS OF INSTRUCTION

COLLEGIATE DEPARTMENT

RHETORIC AND ENGLISH LITERATURE

PROFESSOR CHUBB

ASST. PROFESSOR MACKINNON

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading

When studying literature, emphasis will also be placed upon the practice of composition, and in the classes in rhetoric much attention will be given to the study of literature.

RHETORIC AND ENGLISH LITERATURE

First Semester

1. ENGLISH COMPOSITION—2 hours a week. Freshman. Required throughout the year. The one definite purpose in this course is to increase the student's power of self-expression. The main emphasis is upon actual practice in oral and written

composition. *English Composition*: by Canby and others is the text. There will be four sections.

2. SURVEY OF ENGLISH LITERATURE—3 hours. Junior, required. The course of the first semester extends from Beowulf to Addison; that of the second from Pope to the present time. Much use is made of the *Century Readings in English Literature* by Cunliffe Pyre, and Young. Crawshaw's *English Literature* is also studied. Outlines and lectures are given by the teacher. The course runs throughout the entire year. The whole year's work is required of all candidates for the A. B. degree; only the first half is required of candidates for the B. S. degree. There are two sections.

3. SHAKSPERE—3 hours. Elective. About eight plays will be read in class, in an order selected to show the development of Shakspeare's genius. *An Introduction to Shakspeare*, by MacCracken, Pierce, and Durham is also studied.

4. THE ROMANTIC MOVEMENT IN ENGLISH LITERATURE—3 hours. The course will cover the beginnings of the movement in the eighteenth century, its culmination in the early years of the nineteenth century with Scott, and later development with the Pre-Raphaelites. Text, *English Romanticism in the Eighteenth and Nineteenth Centuries*, by H. A. Beers.

5. ADVANCED COMPOSITION—2 hours. The work will deal mainly with the short story, but the course may be varied to suit the wishes and needs of the class. A text book may be used. The course will be restricted to those who have shown superior ability in composition.

6. THE ENGLISH BIBLE—I hour. Courses in the Old Testament and the New Testament are given throughout the year by Professors Evans and Treudley.

7. (ENGLISH PROSE FICTION—3 hours. A rapid survey of the origin and development of the English novel, and a discussion of modern tendencies. The reading of about eight novels will be required. Instruction mainly by lectures. This course alternates with No. 4, and will be omitted in 1913-14.)

Second Semester

8. SURVEY OF ENGLISH LITERATURE—(See Course No. 2.)

9. ENGLISH COMPOSITION—(See Course No. 1.)

10. TENNYSON AND BROWNING—3 hours. Required in the Sophomore year. Tennyson's *In Memoriam*, *The Idylls of the King*, and some of the shorter poems, and Browning's shorter poems and dramas will be studied. The students will need a modern complete edition of these poets. There will likely be two sections.

11. BYRON, KEATS, AND SHELLEY—3 hours. The most important poems by these writers will be read. The course is a sequence to Course No. 4.

12. THE MODERN DRAMA—2 hours. Some of the most interesting and important plays will be read from Ibsen, Sudermann, Hauptmann, Maeterlinck, Rostand, Pinero, Shaw, Jones, Galsworthy, Fitch, Strindberg, and Kennedy. Free class discussion will be invited. The object of the course will be to obtain some idea of the present day tendencies in the theater.

13. (EARLY ENGLISH LITERATURE—2 hours. This course will cover a hasty review of Old English poetry in translation, a more detailed study of the Middle English period, particularly of Chaucer, the popular ballad, and the origin of the English drama. This course alternates with No. 12, and will therefore be omitted in 1913-14.)

GREEK

PROFESSOR DUNKLE

It is the aim of this Department to enable students to read the authors commonly read in colleges, and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: first, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is believed that a more lasting and more satisfactory impression will thus be made on the mind

of the students than by the use of selections, only. It is a well-established principle in the study of teaching of the ancient languages that they should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education.

The study of collegiate Greek is preceded by one year of preparatory work covering an elementary course and the first book of Xenophon's *Anabasis*. All candidates for the degree of A. B. who elect Greek are required to pursue the study of that language through the Freshman and Sophomore years. The Greek of the Junior year is wholly elective. One or more years of Greek may be elected by students who are taking courses leading to other degrees than that of Bachelor of Arts.

The following courses in collegiate Greek are offered for 1913-14.

First Semester—Xenophon's *Anabasis*, Books II-IV, and Greek Prose, Freshman, 4 hours.

Herodotus, Sophomore, 3 hours.

Demosthenes de Corona, Junior, 3 hours.

Second Semester—Homer's *Iliad* and Greek Prose, Freshman, 4 hours.

Plato's *Apology* and *Krito*, Sophomore, 3 hours.

The *Medea* of Euripides and Sophocles' *Antigone*, Junior, 3 hours.

LATIN DEPARTMENT

DAFYDD J. EVANS, *Professor*

Admission to the Freshman class in Latin is, without condition, given to those who finish the course in the State Preparatory School and to those who bring from accredited High Schools certificates covering the same course. This course

is Cæsar, 4 books; Cicero, 6 orations; Vergil's Aeneid, first 6 books; weekly exercises in Latin composition.

For 1912-1913

FRESHMAN YEAR. First semester, De Senectute ad Amicitia and Latin Writing, 4; second semester, Horace—Odes and Epodes, 4.

SOPHOMORE YEAR. First semester, first half, Cicero, De Officiis; second half, Horace, Epistles. Selections. Second semester, first half, Cicero, De Legibus; second half, Tacitus, Agricola.

The endeavor in the Latin course is to study the literature and history of the Romans as a moral and mighty people who were able to make the citizenship and language of Rome the coveted privilege and acquirement of the world and furnished fundamental lessons for modern thought and life.

GERMAN

EMIL DOERNENBURG, *Professor*

FREDERICK VON RIETHDORF, *Associate Professor*

The purpose of the work of the first year is to secure a thorough knowledge of the fundamental principles of the German language and to acquire an extended vocabulary. The work in the class-room is carried on in German as far as practicable.

After the first year the aim is to familiarize students with the best German literature, and, at the same time, constantly to afford practice in the oral and written acquisition of the language. In the second year the work is largely carried on in German, and after the second year, entirely so.

A German Club, maintained by students beyond the first year and meeting once a month, assists students in acquiring proficiency in the use of colloquial German. There is also a German Club for first-year students.

COURSES

I. ELEMENTARY GERMAN. First semester, 5 hours a week; required. *Kayser and Monteser: Foundation of German* completed. *Spanhoofd's Erstes Lesebuch*. Conversation

based on *Newson's First German Book* in connection with Hoelzel's charts on the seasons.

2. ELEMENTARY GERMAN. Second semester, 5 hours a week, required. Conversation continued. Reading of short modern stories such as *Storm's Immensee*; *Heyse's L'Arabiata*; *Eichendorff's Aus dem Leben eines Taugenichts*. Other texts of an equal degree of difficulty are substituted from year to year, for those named above. *Wesselhoeff's German Composition*.

3. SECOND YEAR GERMAN. First semester, four hours, required. Syntax; prose composition. Reading: *Max Mueller's Deutsche Liebe* or *Raabe's Else von den Tanne*, *Schiller's Wilhelm Tell* or *Die Jungfrau von Orleans*. Conversation based on *Manley's Ein Sommer in Deutschland*.

4. SECOND YEAR GERMAN. Second semester, four hours, required. *Goethe's Hermann und Dorothea* and other works; of the same author. Conversation and composition continued.

5. SUDERMANN AND HAUPTMANN. First semester, three hours, elective. A study of the representative works of these modern German writers. Conversation based on *Pattou's An American in Germany*.

6. FREYTAG AND SCHEFFEL. Second semester, three hours, elective. Reading: *Freytag's Der Rittmeister von Alt-Rosen* and *Scheffel's Ekkehard*. Conversation on *Pattau's An American in Germany* continued.

7. SCHILLER: HIS LIFE AND WORKS. First semester, three hours, elective. Lectures and reports. Reading: *Wallenstein's Tod* and *Maria Stuart*.

8. GOETHE: THE MAN AND HIS WORK. Second semester, three hours, elective. Lectures and reports. Reading: *Faust* first part; *Tasso* or *Iphigenie auf Tauris*.

9. LESSING. First semester, three hours, elective. Reading: *Minna von Bernhelm* and *Nathan der Weise*.

10. MIDDLE-HIGH-GERMAN LITERATURE. Second semester three hours, elective. The great folk and court epics. *Das*

Nibelungenlied; *Parzival* and *Tristan und Isolde*. Reading of lyric and epic poetry. Selections from *Walther von der Vogelweide* and other Minnesingers.

II. SCIENTIFIC READING. First semester, two hours. For students desiring to acquire facility in the reading of scientific literature. Required in courses of Engineering. Text: Wallentin and Hodges.

12. SCIENTIFIC MONOGRAPHS. Second semester. Required as in II.

For students that had little or no practice in speaking German, the following work is offered to precede the regular Freshman work, although it will be counted for college credit. The greatest stress in this class will be laid on conversation; the grammar will also be thoroughly reviewed.

CONVERSATIONAL GERMAN. First semester, three hours. Review of Grammar. Conversation based on Newson's *First German Book* and Hoelzel's charts on the seasons. Reading of several short modern stories with composition and conversation based on the text read.

CONVERSATIONAL GERMAN. Second semester, three hours. Similar reading and conversation as in the preceding course, using the Hoelzel charts and later the little German student magazine, "*Aus Nah und Fern*."

THE TEACHING OF GERMAN IN GRAMMAR AND SECONDARY SCHOOLS—This course has as object the discussion of the subject of text-books and familiarizes the teacher with the new methods of the teaching of German and their application to the teaching of translation, reading, composition pronunciation, and grammar. For students taking Observation and Teaching in the Normal College course. Two hours a week.

PRESENT-DAY GERMANY—Her educational, economical, social, and moral conditions. One hour a week; obligatory for students taking the teachers' course.

ROMANCE LANGUAGES

LILLIAN G. ROBINSON, *Professor*

LENA E. CORN, *Instructor*

FRENCH

FRENCH 1—The object of the course is to give the essentials of the grammar, including the conjugation of the regular and the more common irregular verbs; a careful drill in the pronunciation; the use of the personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence the elementary rules of syntax; the reading of one hundred pages of graduated texts, with constant practice of translating into French easy variations of the sentences read. First semester, 4 hours.

FRENCH 2—Continued drill upon the rudiments of grammar with constant application in the construction of sentences; mastery of the forms and use of pronouns, pronominal adjectives, of all irregular verbs, and of the simpler uses of the conditional and subjunctive; the reading of not less than three hundred pages of modern prose in the form of stories, plays or historical sketches; constant practice in translating into French easy variations upon the texts read; frequent abstracts of the text; continued drill in pronunciation, conversation and dictation. Second semester, 4 hours.

FRENCH 3—Idioms, synonyms and diction. The course calls for the ability to use the language effectively as a means of oral and written expression. Characteristic prose and poetry form the basis for more advanced language study. First semester, 3 hours.

FRENCH 4—Outline history of French literature. This course traces the history of French literature from its origin to the present day, bringing out the great currents in their relations to each other. Illustrative readings from representative authors will be assigned for study and report, and themes and essays on literary subjects will be required. Second semester, 3 hours.

FRENCH 5—French literature of the XVII century. Classicism, origin, formation, apogee, decline. Writers: Boileau,

Moliere, Racine, Corneille, La Fontaine, Pascal, Bossuet, etc. First semester, 2 hours.

FRENCH 6—French literature of the XVIII century. Writers: Le Sage, Marivaux, Montesquieu, Voltaire, Diderot, Jean Jacques Rousseau, Regnard, etc. Second semester, 2 hours

FRENCH 7—French Literature of the XIX century. Study of the representative works beginning with Victor Hugo and the French romanticists. First semester, 2 hours.

FRENCH 8—French literature of the XVI century. Origin of classicism in France; study of language and literature with illustrative readings. Second semester, 2 hours.

FRENCH 9—History of the French language. Lectures on the general history of the French language from its origin to the present time. First semester, 2 hours.

FRENCH 10—Scientific French. First and second semesters, 3 hours. No course will be given for less than four.

SPANISH

SPANISH 1—Careful drill in pronunciation, including accentuation; the rudiments of grammar, including all the regular and the more common irregular verbs, the forms and order of the personal pronouns, the uses and meaning of the common prepositions, adverbs and conjunctions, the uses of the personal accusative, and other elementary rules of syntax. First semester, 3 hours.

SPANISH 2—Practice in speaking and writing Spanish, together with the careful reading of several modern novels and dramas. Attention is constantly directed to points of syntax, idiomatic constructions, synonyms, and the translation of English into Spanish. Second semester, 3 hours.

SPANISH 3—Spanish prose composition. This course is designed to give the student a practical command of Spanish as a medium of expression. It may be varied to adapt it to the needs of the student, now tending more to commercial forms of composition, now to those forms used in literature, or by travellers. First semester, 2 hours.

SPANISH 4—General introduction to Spanish literature. Illustrative readings from representative authors will be

assigned for study and report, and themes and essays on literary subjects will be required. Second semester, 2 hours. No course will be given for less than four.

ITALIAN

ITALIAN 1—A course in beginning Italian. It is preferred that students have one year of French before entering upon this course.

ITALIAN 2—A continuation of Italian 1, consisting mainly of reading and conversation. In both courses especial attention is given to the pronunciation.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

PROFESSOR ELSON

FIRST SEMESTER

	hrs.
Economics	3
Advanced American History	3
European History	3
Methods of Taxation	2
Ancient Civilization	2

SECOND SEMESTER

	hrs.
British Empire	3
Adv. American History	3
Advanced Economics	2
International Law	2
Medieval Civilization	2
Advanced Civics	2

Modern European History—Required

This department is devoted to the study of the rise of absolutism on the ruins of feudalism, and the later development of constitutional governments in Europe.

Chief among the topics in this study are: The Decline of the Holy Roman Empire and of Spain, the Reformation of the Sixteenth Century and the Religious wars, Development of Parliamentary Government in England, the French Revolution and its momentous consequences, and the Unification of Italy and of Germany.

United States History

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as important factors in determining the course of events. The work of our great leaders in thought and action is studied carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

Advanced American History—Elective

FIRST SEMESTER.

After a brief review of the Colonial and Revolutionary periods, the intensive work of the course begins with the national period and covers the seventy years to the Civil War. Special study is devoted to establishing government under the new constitution, to the second war with England, its causes and results, to the high water mark of democracy under Jackson, and to the fierce political battle over slavery preceding the Civil War.

SECOND SEMESTER.

A study of the Civil War, especially the political features and underlying causes of government policies, followed by a study of Reconstruction in its deeper phases, will constitute the first part. After this will follow a careful study of the changing conditions that followed the war, the industrial development of the last half century, the most recent presidential campaigns and their issues, and finally the purposes and principles of the great political parties of the present.

Elson's History of the United States will be used as a guide in the foregoing course; but much of the work will be research work in the library.

Advanced Civics—Required

SECOND SEMESTER.

Advanced Civics is a senior required study optional with philosophy. It is a study of the American system of government in its deeper phases, and also of world politics.

In addition to the study of the American government, the governmental systems and present day workings of the great nations of Europe are studied and compared with one another; also political theories and political parties of the European countries are studied and compared with our own.

In the library are found Bryce's American Commonwealth, Lowell's Government of England, Governments and Parties in Continental Europe, and Ogg's Governments of Continental Europe, to all of which the student may have access.

Economics—Required

FIRST SEMESTER.

The regular required economics, which is given in the Freshman year, presents this great subject in its elementary form.

SECOND SEMESTER.

Advanced Economics, which is given in the second semester, is elective. It presents the great economic subjects of modern times and deals concretely with many of the present day problems of the industrial, financial and economic world. No one who has not taken the elementary economics is eligible to this class. Taussig's two volume work will be used as a text.

Special Electives

SECOND SEMESTER.

THE BRITISH EMPIRE—This is a study, as exhaustive as time will permit, of the development of the British Empire. Beginning with the Tudors, the long strife between the Sovereign and Parliament, the warfare between the Stuarts

and the Puritans, the reign of Walpole, the reaction under George III. and its disastrous results, the 19th Century reforms in Parliament and the expansion of the island Kingdom into a world empire, the greatest in history—these form the chief topics of study. No text book is required.

ANCIENT CIVILIZATION—This is a study of the great empires of antiquity including Greece and Rome, their modes of life, methods of warfare, forms of religion, and their bearing on medieval and modern life. It is followed in the second semester by a similar study of *Medieval Civilization*. In each the text book used is by Seignobos, a Frenchman, and one of the greatest living historical scholars.

METHODS OF TAXATION—This is a study of the various forms of taxation in our States, in the United States, and in other countries, the object being to ascertain the most equitable methods and to show the weak points in many of our tax laws. No separate text book is used.

INTERNATIONAL LAW—*Wilson and Thacher* as a text, takes up the great questions of international relations, customs and the like, with a notice of important treaties past and present.

PHILOSOPHY, ETHICS, AND SOCIOLOGY

PROFESSOR TREUDLEY

OUTLINE OF COURSES

FIRST SEMESTER		SECOND SEMESTER	
No.	Courses	No.	Courses
1.	Introduction to and History of Philosophy. Three hours.	1.	Introduction to and History of Philosophy. Three hours.
2.	Philosophy of Aesthetics. Two hours.	3.	Philosophy of Religion. Two hours.
4.	Logic. Three hours.	5.	Readings in Philosophy. Two hours.
6.	Ethics. Three hours. Required in courses.	7.	Advanced Ethics. Two hours.
8.	Reading in Sociology. Two hours.	9.	Problems in Philosophy. Three hours. Required in some courses.
10.	Studies in Ancient and Medieval Classics. Two hours.	11.	Studies in Ancient and Medieval Classics. Two hours.
		12.	Sociology. Two hours. Required in some courses.

REMARKS—The work of this department, subject to limits of time, is intended to afford students some real insight into the theoretical and practical details of the subjects offered. There is pre-supposed some maturity of thought and experience because these studies deal with life in its most fundamental relations. Various courses are offered to meet varying needs.

COURSE 1—Students seeking the Degree of Bachelor of Arts may select Philosophy Course 1, but if so, they must pursue it throughout the year. The work embraces during the first semester a study of philosophical problems, after which the subject leads into the history of philosophy, dealing chiefly with Greek systems of thought. Medieval and Modern Philosophy is studied during the second semester.

COURSE 9—Students seeking the Degree of Bachelor of Science in Education are required to pursue this course. It is

offered as will be observed in the second semester, and deals with the problems of Philosophy somewhat more elaborately than does Course 1.

COURSES 2, 3, and 5—Three elective courses of two hours a week are offered, viz., Philosophy of Aesthetics, Philosophy of Religion, and Readings in Philosophy. These courses are designed to serve the purposes of students of maturity of thought and somewhat extended experience who would like to look more deeply than ordinarily into these great fields of expression of human life. It is hoped to throw some permanent light upon the questions presented so as to enable the students to realize in some degree their significance.

COURSE 6—This course in Ethics involves both a theoretical and practical treatment of the subjects of morals. It is required of all students seeking the degree of Bachelor of Science in Education from the State Normal College.

COURSE 7—To those persons desiring further work along ethical lines Course 7 is offered in the second semester. This deals with modern ethical problems and is pursued by means of lectures, readings, and reports.

COURSE 4—The course in Logic embraces, together with the study of the theory of logical operations, many exercises for practice. Examination is made of the argument of editorials, public speeches, etc., with the view to develop skill in the appreciation of truth and the detection of fallacies.

COURSES 8 and 12—Course 8 is a reading course and deals with the larger movements of social life. It is informational in its nature and pre-supposes a fair degree of general intelligence but not special training. It is conducted by means of reading in the library, lectures, and reports. Course 12 is required of all students seeking the degree of Bachelor of Science in Education from the State Normal College. It is required also of all candidates for the diploma in Elementary Education, Kindergarten and other courses. It embraces in its scope a study of the structure of society and the forces operative.

COURSES 10 and 11—By way of general application to conduct and because the subjects considered are expressive of deep literary, historic, ethical and philosophical values, Courses 10

and II are offered. Amongst the work considered are Job, Greek Tragedy, and Dante's Divine Comedy. They are recommended to students interested in the cultural side of education and who are seeking to become acquainted with some of the supreme master-pieces of human thought.

These varied lines of study are proposed in the hope of meeting the needs of students both in adjusting and balancing their programs of study and in rounding out their education.

CHEMISTRY

PROFESSOR BENTLEY

J. R. MORTON, *Assistant Professor*

R. G. WEBBER, *Assistant*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the principles of this science and gives him practice in some of the methods used in the chemical laboratory. To a smaller number of students the Department offers superior advantages for more advanced work both theoretical and practical. The Department also possesses a growing collection of reference books which will meet the requirements of students who make Chemistry their special field for work.

A. DOMESTIC SCIENCE CHEMISTRY. This course consists of lectures or recitations twice a week and laboratory work once a week throughout the year. It involves a study of some of the more important elements and their compounds. Especial attention is paid to the chemistry of foods and food preparation and to the applications of chemistry to daily life. This course covers all the chemistry required by the Domestic Science course. Credit, six semester hours.

I. GENERAL DESCRIPTIVE CHEMISTRY—This course consists of three lectures and one laboratory period each week throughout the year; also a quiz, alternate weeks. It consists of a study of the fundamental principles of the science, and a general study of the more important elements and their compounds. This course serves as an introduction to all higher courses in Chemistry, is required of all candidates for the

degree of B. S. and is elective for all others. Credit, eight semester hours.

ELEMENTARY DESCRIPTIVE CHEMISTRY—Shorter course. Two lectures or recitations and one laboratory period per week throughout the year; also one quiz or one laboratory period alternate weeks. This course is required of all candidates for the degree of A. B. except those who elect Physiology. Credit, six semester hours.

This course is parallel with, but less complete than Course 1. It is recommended that students, desiring to pursue the subject further, should select the more complete course.

Note. The laboratory work in Course 2 is the same as in Course 1 and especial care and attention is given to each student individually.

3. **QUALITATIVE ANALYSIS**—This course consists of six hours of laboratory work throughout the year and two recitations each week during the first semester.

A study is made of compounds, both soluble and insoluble, whereby the student becomes familiar with tests for bases and acids, and with methods of separating them.

The recitations will consist in part of discussions of laboratory methods, and in part of a consideration of the fundamental principles underlying analytical chemistry, both qualitative and quantitative. This course serves a double purpose; systematizing the work done in elementary chemistry and preparing students for a more advanced study of the subject.

Students who have already completed the laboratory requirements of the course may take the class work only. Credit for the class work, two semester hours. Credit for the entire course, six semester hours.

4. **QUANTITATIVE ANALYSIS**—A laboratory course is offered equivalent to six semester hours of credit. It comprises a series of determinations, illustrating the fundamental principles and methods, involved in gravimetric and volumetric analysis. Prerequisite, Course 3.

4a. **CHEMICAL CALCULATIONS**.—A course in chemical calculations is offered during the second semester. Credit, two semester hours.

5. **ORGANIC CHEMISTRY**—This course consists of three recitations each week throughout the year. A careful study is made of the constitution, preparation and properties of the typical compounds of the aliphatic and aromatic series. Credit, six semester hours.

5a. **ORGANIC PREPARATIONS**—A laboratory course designed to accompany Course 5. Credit, four semester hours.

6. **PHYSICAL CHEMISTRY**, including Electro-chemistry. Three recitations per week throughout the year. This course supplements the work given in Courses 1 and 3 and presents to the student the more recent developments in chemical theories. It is recommended to all students who contemplate teaching chemistry, as well as to those who expect to enter the practical field.

Text-books, Walker's Introduction to Physical Chemistry, and Leffeldt's Electro-Chemistry. Credit six semester hours.

6a. **PRACTICAL PHYSICAL CHEMISTRY**. A laboratory course designed to accompany Course 6. Credit, four semester hours.

Note. Courses 5 and 6 are given alternate years. Course 6 will be offered in 1913-14.

7. **ADVANCED QUANTITATIVE ANALYSIS**—This course is offered to those who have completed Course 4 and will be arranged to suit the needs and demands of the individual student. It may consist of limestone, coal (proximate analysis and thermal test), ore, water, soil or gas analysis; also analysis of alloys.

8. **ELEMENTARY AGRICULTURAL CHEMISTRY**—A three hour course given the second semester. Especial emphasis is placed upon the practical application of elementary chemistry to soil problems. It also embraces a study of soil formation, and methods of soil improvement. Credit, three semester hours.

9. **ADVANCED AGRICULTURAL CHEMISTRY**—This course supplements Course 8 and is intended for those who are preparing for a more advanced study of Agriculture and Forestry.

10. **INDUSTRIAL CHEMISTRY**. This course consists of recitations and reports made by the students. This is a very practical course and deals with the applications of chemistry to modern industrial processes.

Thorp's *Industrial Chemistry* is used as a guide. Credit six semester hours.

10. METALLURGY. An elementary course is offered and will be equivalent to a credit of six semester hours.

Note. Courses 10 and 11 are given alternate years. Course 11 will be offered in 1913-14.

12. INORGANIC PREPARATIONS. This is a laboratory course and will be arranged to suit the requirements of the individual student.

13. RESEARCH. Students desiring to work out a thesis in this Department will find facilities for work in almost any line. The aim of the Department is to give the student an opportunity to develop a spirit of independence and self-reliance in chemical work.

BIOLOGY AND GEOLOGY

PROFESSOR MERCER

W. E. MCCORKLE, *Assistant Professor*

J. W. BUCHANAN, *Assistant*

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the second semester of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examination and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed, and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts

and organs, in all cases. After a few types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper. (See Comparative Anatomy.)

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO₂ freezer, Minot Microtone, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organism, methods of reproduction, development, and other biological subjects are discussed.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Palæontological Geology, and these subjects are further studied in the field. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

CURRENT JOURNALS—American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Nature-Study Journal, Popular Science Monthly, Journal of Geology, Economic Geology, Journal of Morphology, Science Progress, and the reports of all the leading scientific societies.

COURSES OFFERED IN THE DEPARTMENT OF BIOLOGY AND GEOLOGY

FIRST SEMESTER

Course

Physiology and Hygiene (Prep.).....	4
14 Geology (required).....	3
6 Comparative Anatomy..	3
10 Human Anatomy.....	3
3 Histology.....	4
2 Physiology (required)...	3
9 Physiology.....	3
15 Biological Seminar.....	1
Botany (Prep.)*.....	3

SECOND SEMESTER

Course

5 Invertebrate Zoology	3
4 College Botany*.....	3
1 Anatomy, Mammalian, (1915).....	3
11 Historical Biology(1914)	2
2 Physiology (required)...	3
9 Physiology.....	3
3 Histology.....	4
7 Bacteriology.....	4
7a. Bacteriology (Domestic Science).....	3
10 Human Anatomy.....	3
8 Embryology.....	3
15 Biological Seminar.....	1
Botany (Prep.)*.....	3

*See Department of Civic Biology and Botany

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in Histology and Embryology must plan to take the entire work of the year.

Description of Courses

1. **ANATOMY**—The laboratory work will be mainly dissection of the cat or rabbit, and the study of microscopic sections of all important organs.

2. **PHYSIOLOGY**—This course will consist of at least two lectures or recitations, one hour each, and one laboratory section of two hours each for the year. This will be a course of actual demonstration of the functions of the different parts of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon the food principles. He then uses the gastric juice prepared from the stomachs of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental physiology and hygiene will be made a large part of this course.

One course in Physics, and Invertebrate Zoology, or College Botany, are required before entering upon this course.

3. **HISTOLOGY**—This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods.

The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology.

4. **BOTANY**—Study begins with the plant cell and traces the development of the plants through the successive orders to the flowering plants. Attention will be given to living plants including plant histology, and a general consideration of all the life principles involved in plants.

This course may be taken in place of the Zoology to supply the science requirements in the Freshman year.

5. **INVERTEBRATE ZOOLOGY**—The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates. Physiology

in the simple forms is studied with special reference to its bearing upon human physiology.

6. COMPARATIVE ANATOMY—This course includes all of the Phylum Chordata except the mammals. The type forms studied are the Amphioxus, the dog-fish, the perch, the frog, the turtle and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in chordata. Physiology plays a very important role in this course for all these forms.

7. BACTERIOLOGY—The laboratory work in this course is mainly technic. The student prepares all the common media inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

The work is so arranged that a person desiring to get a theoretical knowledge of the subject can enter the lectures and get half credit in hours. A three-hour course is also given here for the students in Domestic Science.

8. EMBRYOLOGY—In this course the student follows carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparison with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 *mm.* to 30 *mm.* are studied throughout the entire course.

9. PHYSIOLOGY—In this course the frog is used to a large extent in performing the experiments in the first semester. A complete set of the Harvard apparatus is in constant use.

The activities of the muscles and all the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles is shown in many ways, including the central nervous system and the sympathetic system.

Chemical Physiology will occupy the second semester.

Course 2, as well as the requirements leading up to it, must be taken before entering upon this course.

10. HUMAN ANATOMY—This course is designed to give the prospective medical student a chance to get a start in anatomy before going to a medical college, and also to enable the students preparing to teach physiology in high schools and colleges to go into the real merits of the science. Special teachers will find these courses in anatomy and advanced physiology of great benefit in their work.

11. HISTORICAL BIOLOGY—This course will bring out the fundamental ideas of Biology, and men and conditions under which these ideas were given to the world. The different theories of the origin of the species will be discussed. Natural selection, adaptation, mutation, etc., will receive a prominent place. All these discussions bear upon the great question of Heredity. To bring out all the above topics the biography of the leaders of Biology will be used to a large extent. Three college hours will be allowed for the completion of the course.

12. SANITATION—This course will be an advanced course in Hygiene and presupposes a through knowledge of Physiology. Nothing less than a first-class high school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation, both municipal and personal, will be discussed. The legal side, as well as the scientific side, of school inspection, etc., will be discussed. Summer term and first semester.

13. ENTOMOLOGY—This course is offered for the Summer term. It will be an advanced course in Nature Study, consisting of a large amount of field work and the making of a collec-

tion of insects. The lectures will consist of a discussion of some of the larger economic questions of the relation of insects and plants. The laboratory work will consist of the study of some typical forms of insects.

DEPARTMENT OF MEDICAL SCIENCES

It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained. With this object in view, the Department of Biology now offers such work as is in conjunction with Physics and Chemistry recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The Biological work is, from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefor required to do practical work in the all important subject of Bacteriology.

The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy Histology, Physiology, Structural and Systematic Botany Vegetable Histology, Embryology, and Bacteriology.

DEPARTMENT OF PHYSICS AND ELECTRICAL ENGINEERING

A. A. ATKINSON, *Professor*

G. E. McLAUGHLIN

Instructor in Electrical Engineering and Shops

F. C. LANGENBERG, *Instructor in Physics*

C. O. WILLIAMSON, *Assistant in Shop Work*

The department has recently acquired new laboratories, and every facility is at hand for carrying on the work outlined in the course of instruction. Several private laboratories are available to students who desire to pursue advanced laboratory or research work. Many valuable reference works are in the Carnegie and departmental libraries, and the leading periodicals are on file for use by the students.

Courses of Instruction

1. ELEMENTARY PHYSICS—(Class work, 3 hours per week laboratory, 4 hours per week, throughout the year.)

This course is required in the fourth year of all the preparatory courses. Also those who do not present entrance Physics are required to take this course.

The class work will be conducted chiefly by the recitation method with occasional lectures on the phases of the subject which are the most difficult for beginners.

The laboratory portion consists of about fifty carefully selected experiments to be performed by each student and neatly written up in the laboratory.

2. DESCRIPTIVE PHYSICS—(Class work, 3 hours per week; laboratory, twenty representative experiments performed by each student during the year.)

This course is offered to meet the needs of those who desire to pursue the study of Physics simply to complete a general education or to undertake the subject as a substitute for mathematics. The class work will consist of recitations, supplemented by lectures and reports from the students on special topics. Constant attention will be given in this course to present the subject in such a manner that the laws and principles studied in the class and laboratory work will be brought into the proper relation with the physical phenomena observed in everyday life.

The material for study will be chosen for its instructiveness; and because (a) it involves some important scientific principle; (b) it is related to some readily observable phenomena; or (c) it has a practical application in natural, commercial or industrial processes.

Apparatus will be provided for the fullest possible demonstration of each of the subjects considered in the course; but no effort will be made to cover systematically the whole field of Physics.

This course is open to those who have had Physics I, or its equivalent. A knowledge of higher mathematics is not required for its completion, this course being optional with mathematics in the Freshman year.

3. GENERAL PHYSICS—(3 hours per week. Optional in the first semester of the Scientific Course, and continued as elective in the second semester.)

The work will consist of a discussion of the general principles of Physics, including as far as possible, the derivation of the fundamental equations of the subject with the interpretation of their physical meaning and their application to the solution of problems of Physics. Curve plotting and the interpretation of curves will be an important feature. Experimental demonstrations will be provided where the nature of the topic requires it. A minimum of individual laboratory work will be required. Those who have taken Course 2, and wish to obtain a better understanding of the more mathematical phases of the subject, while not desirous of pursuing advanced work in Physics, will find Course 3 well adapted to their needs. Students seeking a

B. S. degree are required to take one year's work in Physics; they are advised to take Course 3 in preference to Course 2.

This course is open to those who have had Physics 1, or its equivalent, and who possess an elementary knowledge of trigonometry and chemistry.

4. ADVANCED PHYSICAL MEASUREMENTS—(First semester, mechanics, heat, and sound. Class work, 1 hour per week; laboratory, 6 hours per week. Second semester, electricity and light.)

The chief emphasis in this course will be placed on the laboratory work. The class work will discuss the theory of each experiment and interpret the laboratory results. Complete notes will be required containing the development of the theory and outline of the method of each experiment.

This course is open to those who have had Physics 3, or its equivalent, and who possess an elementary knowledge of Analytical Geometry and Calculus. Students should also have a reading knowledge of French and German. Where circumstances seem to justify it, permission may be given for the election of only one-half of this course, either the first or second semester.

5. MOLECULAR PHYSICS—(Offered in the first semester in alternate years with Course 7. Class work, three hours per week.)

The work covered will be the Kinetic Theory, Capillarity, Surface Tension, Elementary Thermodynamics, and Solution.

This course is regularly open to those who have had Physics 3, but may also be taken by those who satisfy the instructor that their previous training is sufficient to undertake the work.

6. ELECTRIC WAVES—(Offered in the second semester in alternate years with Course 8. Class work, 3 hours per week.)

The work will consist of a general discussion of the theory of generation and detection of electric waves and their application to wireless telegraphy.

This course is open to students under the same conditions as Course 5.

7. ELEMENTS OF THERMODYNAMICS—(First semester, offered in alternate years with Course 5. Class work, 3 hours per week.)

The work will be upon the fundamental principles underlying the mechanical theory of heat, and the application of these principles to physical and thermochemical problems.

This course will be open to those who have had Course 3, or its equivalent, and who possess a knowledge of the principles of Calculus and General Chemistry.

8. LIGHT—(Second semester, offered in alternate years with Course 6. Class work, 3 hours per week.)

This is an advanced course in Physical Optics, and is arranged for those who desire to make a specialty of Physics. Special benefit can be derived from this course by those who are taking engineering work. This course is open under the same conditions as Course 7.

9. THE PEDAGOGY OF PHYSICS—(First semester, 3 hours per week. This course will be given upon request of a sufficient number of students to justify its being offered.)

This course is designed to meet the needs of those who are teachers, or who expect to teach Physics in high schools. The work will consist of lectures and discussions upon the choice of subject matter and methods of presentation best suited to elementary courses in Physics.

Course 9 is open to all who have had the necessary training in Physics to profit by the discussions and lectures given.

10. PHYSICS RESEARCH—(An advanced intensive laboratory course for those who have had Course 4.)

This work will partake more of the character of original investigation of some topic or problem of Physics. The work may be arranged to supplement Physics 4, 5, 6, 7, or 8; but the choice of work and the time devoted to it will rest entirely with the student.

If the problem attacked has sufficient merit, the report upon its investigation may be used as the thesis required for the Bachelor's degree.

11. ELECTRICAL LABORATORY (D. C.)—A course of six hours a week in a dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Continued throughout the first semester

12. ELECTRICAL LABORATORY (A. C.)—Lectures once a week, laboratory four hours a week on alternating current

characteristics, regulation, efficiency; voltage and current curves of alternators and transformers; measurement of polyphase power induction motor and rotary converter tests. Second semester.

Other courses may be chosen as electives from among the Engineering studies by those prepared to profit thereby.

ELECTRICAL ENGINEERING

INTRODUCTION—Ohio University is a State institution, whose free library occupying the new Carnegie Library building, literary societies, musical, scientific, and other organizations offer many advantages to the students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered. The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students, are advantages that can not be overestimated.

The following work offered in Electrical Engineering is looked upon as electives in applied Physics, so arranged as to be consecutive, and to have both an educational and a practical value to the student. Ohio University makes no pretense of being an engineering school, but does offer exceptional advantages to students to become thinking men, capable of the highest success in any line of endeavor.

EQUIPMENT—The University possesses an incandescent lighting and power plant, used for lighting the buildings and furnishing power to the laboratories and shops, providing the students practical training in construction, operation, and care of electrical machinery. Both direct and alternating currents are used, and very extensive additions to the electrical equipment are now being made. Science Hall, newly constructed, was first occupied at the opening of the college year, 1912-13. This is a four story structure of red pressed brick, 79 feet by 124 feet, costing complete, ready for work, about \$120,000. The Department of physics and Electrical Engineering occupies the first two floors. These will provide recitation rooms and offices for

the instructors in the departments; a large laboratory for general Physics, with two dark rooms, and apparatus room attached; laboratories for the various advanced courses in Physics, with the necessary weighing rooms and apparatus rooms; a laboratory for electrical measurements, with apparatus and weighing rooms; a dynamo, motor and transformer laboratory; a photometric laboratory, a storage battery room, high temperature laboratory, unpacking room, storage rooms, several small research laboratories, and a constant temperature laboratory; also a drafting room, photographic dark room, laboratory shop, private laboratories, and a departmental library and reading room.

The Department equipment includes also the college power plant, a gas engine plant and general shops. Students are thus afforded practical work in steam and gas engineering; testing and valve-setting; tests of various kinds on A. C. and D. C. motors, generators and measuring instruments; tests of transformers and rotary converters. There are in the laboratories a number and variety of measuring and test instruments, ammeters, voltmeters, wattmeters, tachometers, potentiometers, electro-dynameters, portable testing sets, wheatstone bridges, sechometers, conductivity bridges, and galvanometers. There are also standard instruments of various types for calibrating purposes. Our shop facilities have also been improved both by the addition of a large room and a great deal of new machinery.

What was formerly the gymnasium floor has been converted into additional shop room, and equipped with wood-working benches; wood-working lathes driven by motors; band saw, shaper, circular-saw, and jointer, all motor driven. The machine lathes, drills, grinders, and other machinery in the older section of the shop are also driven by electric power.

REFERENCES—Students in the Engineering department find on file for ready reference a large number of technical periodicals, such as the Electrical World, General Electric Review, Electric Journal Street Railway Journal, Engineering Magazine, Power, Scientific American, Scientific American Supplement, Proceedings of American Institute of Electrical Engineers, Transactions of the Illuminating Engineering Society, Science,

Physical Review, Science Abstracts, Bulletins of the General Electric and the Westinghouse Companies, Publications of the Bureau of Standards, Publications of the Bureau of Mines, Engineering News, Engineering Record, Mines and Minerals, Journal of the Western Society of Engineers, Reports of the State Engineering Societies, Cement, Railway Gazette, Journal of the Franklin Institute, Electro-Chemical and Metallurgical Industry, Journal of the Chemical Industry, Die Zeitschrift für den physikalischen und chemischen Unterricht. Besides the Department library which is available to students taking these courses, the Carnegie library is also open for use each day and three evenings a week.

REQUIREMENTS—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern language for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of first grade high schools will be able to enter the first year of the course without condition.

A diploma from a first grade high school, or its equivalent, is now required for admission to this course. It is urgently recommended that the complete four-year course following the combined Scientific and Engineering course outlined below be taken, or if the engineering studies are first completed in two years, the rest of the scientific work arranged for engineers may be completed in two more years. The degree of B. S. will then be given.

If the Short Course with the auxiliary studies is fully completed, a certificate will be issued showing the character of the work done. The courses are subject to such changes from time to time as conditions require, and as the proper treatment of such studies makes necessary. Students who finish either of the courses will be fully able to meet the requirements of the Ohio law relative to the examination and licensing of engineers.

SCIENTIFIC COURSE WITH ELECTIVES IN ENGINEERING**First Year**

FIRST SEMESTER—English Compos., 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Chemistry, 4; Shop (4 hours a week), 1.

SECOND SEMESTER—English Compos., 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Chemistry, 4; Steam Engineering, 2; Shop (4 hours a week), 1.

Second Year

FIRST SEMESTER—Survey of Eng. Literature, 3; Analytics and Calculus, 3; Scientific German, 2; History, 3; Physics, 3; Mechanical Drawing, 2; Shops (4 hours a week), 1.

SECOND SEMESTER—Survey of Eng. Literature, 3; Calculus, 3; Scientific German, 2; Physics, 3; Sanitation, 3; Mechanical Drawing, 2; Shop (4 hours a week), 1.

Third Year

FIRST SEMESTER—Electrical Engineering, 4; Applied Calculus, 3; Advanced Chemistry, 3; Geology, 3; Mechanical Drawing, 2; Station Practice (4 hours a week), 1.

SECOND SEMESTER—Electrical Engineering, 3; Applied Calculus, 3; Advanced Chemistry, 3; Electrical and Magnetic Calculations, 2; Surveying, 4; Mechanical Drawing, 1; Station Practice (4 hours a week), 1.

Fourth Year

FIRST SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Gas Engines, 2; Electrical Measurements, 2; Economics, 3; Thesis, 3; Station Practice (4 hours a week), 1.

SECOND SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Hydraulics, 3; Commercial Law, 3; Thesis, 3; Station Practice (4 hours a week), 1.

The completion of the above course entitles the student to the degree of Bachelor of Science, and a certificate testifying to his completion of the engineering work contained in it.

SHORT COURSE

For those who are unable for any reason to undertake the above complete course, the followingshort course is provided, the completion of which entitles the student to a certificate testifying to the character of the work done.

First Year

FIRST SEMESTER—English, 2; Electrical Engineering, (D. C.), 4; Descriptive Geometry, 3; Trigonometry, 3; Mechanical Drawing, 2; Shop(4 hours a week), 1; Station Practice(4 hours a week), 1.

SECOND SEMESTER—English, 2; Electrical Engineering (D. C.), 3; Descriptive Geometry, 2; Mathematics, 3; Electrical and Magnetic Calculations, 2; Steam Engineering, 2; Mechanical Drawing, 1; Shop(4 hours a week), 1; Station(4 hours a week), 1.

Second Year

FIRST SEMESTER—Electrical Engineering (A. C.), 3; Dynamo Laboratory, 3; Gas Engines, 2; Electrical Measurements, 2; Analytics and Calculus, 3; Mechanical Drawing, 1; Shop (4 hours a week), 1; Station Practice (4 hours a week), 1.

SECOND SEMESTER—Electrical Engineering (A. C.), 3; Dynamo Laboratory, 2; Commercial Law, 3; Calculus. 3; Surveying, 4; Mechanical Drawing, 1; Shop(4 hours a week), 1, Station Practice (4 hours a week), 1.

MATHEMATICS AND CIVIL ENGINEERING

WILLIAM HOOVER, *Professor of Mathematics*

LEWIS J. ADDICOTT, *Professor of Civil Engineering*

ARTHUR W. HINAMAN, *Assistant*

COLLEGIATE MATHEMATICS

First Semester

Plane and Spherical Trigonometry, 3 hours. Freshman.

Analytical Geometry, 3 hours. Sophomore.

Analytical Mechanics, 4 hours. Junior.

General Astronomy, 3 hours (elective); prerequisites, all preceding courses. Junior.

Second Semester

College Algebra, 3 hours. Freshman.

Analytical Mechanics (continued).

Differential and Integral Calculus, 3 hours. Sophomore.

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

PLANE TRIGONOMETRY—There will be used in the first semester Bauer and Brooke's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

SPHERICAL TRIGONOMETRY—Chauvenet's excellent and standard text is used. About all the text for which the student is, prepared, at this stage of his mathematical study, is taken. Special pains is taken in computation.

FRESHMAN ALGEBRA—The continuation of Fisher and Schwatt's *Higher Algebra* used in the third year preparatory course and starting with a quick review of quadratic equations and succeeding subjects. In addition the chapters on the binomial theorem, logarithms, permutations and combinations variables and limits, the parts of Chapter XXXIII on infinite series which contribute to the determination of the condition of convergency of the expansion of a binomial with any rational exponent and recurring series, method of differences, interpolation, Chapters XXXIX and XL on determinants and the theory of equations, all illustrated by the solutions of many original exercises. Given in the second semester, Freshman year, and repeated in the immediately following semester.

ANALYTICAL GEOMETRY—Fine and Thompson's *Coördinate Geometry* will be taken in the first semester, special effort being put on the original exercises. This branch is of great importance to engineering students. It is, besides, of most valuable disciplinary importance to any undergraduate.

DIFFERENTIAL CALCULUS—This will be given in the second semester of the Sophomore year. The first nineteen chapters of Osborne's revised text will be used.

INTEGRAL CALCULUS—This is a continuation of the work in Osborne's text, and will be given in the second semester of the Sophomore year. The method of limits is the basis of the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

ANALYTICAL MECHANICS—Bowser's text, applying every previous mathematical course of the student, is taken in the first semester of the Junior year, and affords the best chance of show of ability in mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

COLLEGE ASTRONOMY—Young's *General Astronomy* is used most emphasis being placed upon the parts of a more mathematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer. Began in the first semester, Junior year.

ELECTIVES—The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including Advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations Advanced Statics and Dynamics; Elliptic Functions; Spherical Harmonics; Least Squares; Mathematical Optics; and other mathematical Physics, with Theoretical Astronomy.

CIVIL ENGINEERING

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. The course is designed to give students a working knowledge of the various subjects offered.

LIMIT OF COURSE—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Drafting-room and field practice make up a large part of the course.

EQUIPMENT—The Department makes use of seven rooms in the building known as the East Wing. The drafting-rooms have fifty large tables, for drawing and mapping, and cabinets for drawing-boards, paper, instruments, etc. The instrument-room contains two Gurley 8-inch mining transits, two Ulmer 11-inch transits, a Buff & Berger 11-inch transit, a Keuffel & Esser 11-inch transit, a Keuffel & Esser solar transit, a Keuffel & Esser precision level, three Gurley 20-inch Y-levels, an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, a Keuffel & Esser 20-inch Y-level, two Keuffel & Esser 12-inch levels, a Gurley Plane-Table, a Mariner's Sextant, a Gurley compass, and numerous other instruments essential to field work, such as tapes, stadia rods, leveling rods, ranging poles, hand-levels, etc. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a 20,000 lb. Olsen Testing Machine, a Fairbanks improved testing machine, the Vicat, Gilmore's needles, molds, sieves, etc. New instruments and apparatus will be added as necessity requires, and every effort made to keep the department up-to-date in every particular.

REFERENCE WORK—The leading periodicals and magazines relating to Civil Engineering are in the department library, and many others are in the Carnegie library, all of which are accessible to the students at all times. Among the magazines which are available for student use, are the following: Engineering News, Engineering Record, Railway Age Gazette, Mines and Minerals, Cement, Reports of Engineering Societies, Journal of the Association of Engineering Societies, Western Society of Engineers, Engineering and Mining Journal, and many others that are not strictly Engineering magazines.

Ohio University does not offer regular engineering courses, but has scheduled a number of elective subjects in civil engineering, that can be taken in connection with the regular scientific course.

SCIENTIFIC COURSE WITH CIVIL ENGINEERING ELECTIVES

The following Scientific Course with Civil Engineering electives will lead to the Bachelor of Science Degree, in four years.

First Year

FIRST SEMESTER—English Composition, 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Chemistry, 4.

SECOND SEMESTER—English Composition, 2; Mathematics, 3; Descriptive Geometry, 2; Mechanical Drawing, 2; Elements of Mechanics, 3; Chemistry, 4.

Second Year

FIRST SEMESTER—Survey of English, 3; Analytics and, Calculus, 3; Scientific German, 2; History 3; Physics, 3; Reënforced Concrete, 3.

SECOND SEMESTER—Survey of English Literature, 3; Calculus, 3; Scientific German, 2; Physics, 3; Sanitation, 3, Surveying and Leveling, 4.

Third Year

FIRST SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Railroad Engineering, 3; Field Work, 2; Geology, 3.

SECOND SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Commercial Law, 3; Topographic Surveying, 3; Instrument Adjustment, 1.

Fourth Year

FIRST SEMESTER—Civil Engineering, 4; Economics, 3; Thesis, 3.

SECOND SEMESTER—Civil Engineering, 4; Details of Construction, 3; Hydraulics or Mechanics, 3; Thesis, 3.

The completion of the above course entitles the student to the degree of Bachelor of Science, and a certificate stating that he has completed the short course in Civil Engineering.

For those who for any reason are unable to undertake the above course the following short course in Civil Engineering is provided, the completion of which entitles the student to a certificate certifying to the character of the work completed.

First Year

FIRST SEMESTER—English Composition, 2; Mathematics 3; Descriptive Geometry 3; Mechanical Drawing 2; Electricity; 4;

SECOND SEMESTER—English Composition 2; Mathematics 3; Descriptive Geometry 2; Elements of Mechanics 3; Surveying and Leveling 3; Field Work 1; Electricity 2.

Second Year

FIRST SEMESTER—Railroad Engineering 3; Field Work 2; Civil Engineering 4; Reënforced Concrete 3.

SECOND SEMESTER—Mathematics, 3; Civil Engineering 4; Topographic Surveying 2; Field Work 1; Details of Construction 2; Drawing 1; Mathematics 2; Commercial Law 2; Engineering Instruments and their use 1.

In the first year those who desire may substitute a year's work in Chemistry, or a modern language for the work in Electricity.

EXPLANATORY STATEMENT

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

A large number of young men have taken this Short Course, and have found very satisfactory positions after completing the work.

The work in Mechanical Drawing continues throughout the Freshman year, and embraces twenty-four plates. Much attention is given to lettering. Cross's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. During the first semester the work consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces and to their intersection. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the second semester. Church's *Descriptive Geometry*, is the text used. Merriman's *Elements of Mechanics* is taken up during the second semester. The work in the text-book is supplemented with additional problems.

Leveling and Surveying, of the second semester, consists of three hours per week of recitations and one afternoon per week

of field work, embracing the following: Chain, Compass and Transit Surveying; the use of the Plane Table and Leveling.

The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Gillespie's *Surveying* is the text used.

The work in Railroad Engineering is taken up during the first semester of the second year. This consists of three hours per week of recitations and one afternoon a week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searles's *Field Engineering*.

In Stereotomy, the work of Siebert and Biggin is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

The course in Engineering Instruments and Their Use is intended to familiarize the student with such instruments as the Sextant, Plane-Table, Polar Planimeter, Universal Drafting Machine, Pantograph, Slide Rule, Solar Transit, Precise Level, and other instruments.

The subject dealing with Details of Construction, as given in the second semester, consists of two recitations per week and one afternoon of drawing. Each student designs and completes the working drawing, with blue prints, of a wood and steel truss. Howe's *Design of Simple Trusses in Wood and Steel* is the text used.

Fieberger's *Short Course in Civil Engineering*, is the textbook used in discussing the various subjects offered under the general head of Civil Engineering. The course is given throughout the entire year and embraces the following subjects: Loads on Beams, Trusses of all kinds, Graphics, Dams, Retaining Walls, Hydraulics, Water Supply, Sewer Construction, and Pavements.

During the second semester the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level.

From the survey a map is made and contour lines are drawn; conventional signs are used to represent the different structures and objects that appear upon the map.

The topographic map of the campus, in the front of the catalogue, was a part of the regular work of the class of 1908. Each year a similar map is made, thus familiarizing the student with platting and mapping.

The work in Mathematic, Sciences and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of Mathematics, Language, English, etc., in the regular classes of the University.

Students of the University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students are urged to take the scientific course and elect their work from the subjects offered in civil engineering.

This will enable them to complete a regular scientific course and at the same time complete all the work offered in the short course in Civil Engineering.

SCHOOL OF COMMERCE

Faculty*

ALSTON ELLIS, Ph. D., LL. D.,
President

CHARLES M. COPELAND, B. Ped.,
Director and Professor of Accounting and Commercial Law

MINNIE FOSTER DEAN,
Instructor in Stenography

GEORGE C. PARKS, Ph. B.,
Assistant in Commercial Branches.

GRACE MARIE JUNOD, Ph. B.,
Instructor in Typewriting.

*The required work in English, History, Economics, Education, Psychology, Science, and Modern Language is taken in the regular University classes.

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were greatly benefitted and those who desired it have had no trouble in finding employment. But the greater part of the special students with meager preparation were poorly equipped for a successful business career, even after they have made a good record in their commercial studies.

As a result of this observation the entrance requirements and the courses of study, for students desiring to take commercial work, were gradually extended until 1909, when conditions justified the organization of a School of Commerce with two courses of study, each including two years or 60 semester hours of collegiate work as outlined elsewhere in this catalogue.

Students in the School of Commerce have the same privileges in the University library, reading room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail offices and the bank, in the office department, are well arranged for instruction purposes. Here students receive the training that comes from filling the principal as well as the subordinate positions in such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office, they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper and manager; in the wholesale office, shipping clerk, bookkeeper, and manager.

ADMISSION—The requirements for entrance to either course in the School of Commerce are the same as the requirements for entrance to the Freshman class of the University, namely,

fifteen units of secondary credit. Graduates of high schools of the first class are usually able to enter without condition. Students who have not the necessary amount of entrance credit may make it up in the State Preparatory School.

DIPLOMAS AND COLLEGE CREDIT—Diplomas will be granted to those who complete either course in the School of Commerce. Students in the degree courses of the University may take part of their elective work in the School of Commerce, and in this way they may in four years obtain both their degree and the diploma in the course in commerce.

DEGREE COURSE FOR GRADUATES—Graduates in either of the two-year courses in the School of Commerce must have at least 60 semester hours of college credit. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the College of Liberal Arts, graduates of the Commercial Course will be granted the A. B. or B. S. degree, provided that at least 45 of such additional hours have been done in the required work of the course leading to the degree to be conferred. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the State Normal College, graduates of the Teachers' Course in Stenography will be granted the degree of Bachelor of Science in Education, provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree and that in the entire course not less than 30 semester hours in professional subjects have been taken.

SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY—Persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the University and Director of the School will be issued to students who complete a year's work in Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. A passing grade in Penmanship will be required of those who receive the certificate for Accounting.

FEES—All students pay a registration fee of \$9.00 per semester. Besides this, there is an extra fee of \$7.50 per semester for Stenography and Typewriting. The fee for Type-

writing alone is \$3.00 per semester. The fee for the diploma is \$5.00, and for a certificate \$1.50.

POSITIONS—The University does not guarantee positions to graduates in any course. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the School of Commerce has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture, as well as a knowledge of commercial branches is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

COMMERCIAL TEACHERS—High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial courses of this institution with a view to high school work. While pursuing this course they would have an excellent opportunity to study Methods in Teaching in the classes of the State Normal College of the University.

DESCRIPTION OF WORK

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

I. THEORY OF ACCOUNTS I—Four recitations per week and offered in each semester. This course is for beginners in accounting and is planned to give the student an understanding

of the fundamental principles of the science. By numerous drills and problems students are made acquainted with a variety of account books used in retailing and wholesaling and with the business papers connected with the transactions proposed for entry.

2. THEORY OF ACCOUNTS II—Four recitation per week, and offered in the second semester. This course is open to those who have had Theory of Accounts I. It deals with the modern systems used in the more complex forms of business, such as banking, commission and manufacturing. An important feature of this course is the work in the railroad, commission, and wholesale offices and in the bank by which the student is brought into actual business relations with the students of this and other schools through a great variety of transactions.

3. COMMERCIAL LAW—Three recitations per week in the second semester. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

4. NEGOTIABLE CONTRACTS—One recitation per week in the first semester and open to those who have had Commercial Law. The Uniform Negotiable Instruments Law is used as a text in this course.

5. CORPORATION ACCOUNTING AND LAW—Three recitations per week in first semester and open to who have had Theory of Accounts I. This course deals with the law and accounting connected with the organization, financing, management, dissolution, and re-organization of corporations.

6. CORPORATION AND TRUST FINANCE—Two recitations per week in second semester and open to those who have had Corporation Accounting and Law. A study is made of the movement toward combination of enterprises and large aggregations of capital. Cause, method, and effect are considered with a view to giving the student a proper attitude toward this important question.

7. ACCOUNTING PROBLEMS AND SYSTEMS—Three recitations per week in the second semester and open to those who have had Theory of Accounts and Corporation Accounting. In this course systems for various businesses will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems. Considerable attention will be given to Cost Accounting.

8. COMMERCIAL SEMINAR—One recitation per week throughout the year and open to students who have had Theory of Accounts and Commercial Law. The Banker's Magazine, Journal of Accountancy, and articles on commercial subjects in other magazines will form the basis of this work.

9. MONEY AND BANKING—Two recitations per week in the second semester. This course consists of a study of the origin, use, and history of money as a medium of exchange with special reference to the financial history of the United States.

It includes a study of the history, utility and functions of banks, and particularly of those governed by the National Banking Act.

10. INDUSTRIAL AND COMMERCIAL GEOGRAPHY—Two recitations per week in the first semester. The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as a result of certain physical and political influences, of the products of man's industries and commerce, and of the conditions of inter-dependence existing among different parts of the civilized world.

INDUSTRIAL HISTORY OF THE UNITED STATES—A study is made of the growth and development of the industries and commerce of the country and particularly as found to be influenced by our tariff bills, banking systems and the different wars in which the nation has engaged. The subject of conservation is given special attention. Two hours, first semester.

STENOGRAPHY I AND II —Designed for students who wish to fit themselves for amanuensis work. Students are prepared to take from dictation commercial correspondence and different

forms of legal papers, including contracts, conveyances, wills, and court pleadings. The notes are transcribed on the typewriter and a high standard of neatness and accuracy is maintained. As soon as they are able to do so students are required to take dictation for an hour a day from the phonograph. Four hours of credit.

STENOGRAPHY III AND IV REQUIRED IN TEACHERS' COURSE. This course is intended to prepare students to teach Stenography, and is open to all who have completed Stenography I and II. After a careful review of the principles of outline formation the student is drilled in advanced methods of writing. A much higher speed is required and matter dictated is of a difficult character. Three hours of credit.

AMANUENSIS WORK I AND II—Practice in transcribing from notes matter of difficult and complicated character. Two hours of credit.

TYPEWRITING AND COMPOSITION I—The student's first efforts are directed toward acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. A text in the hands of the students is made the basis of a careful study of the principles of composition, and such work is done as will require the application of these principles.

Three recitations per week.

Students taking this course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work. Two hours of credit.

TYPEWRITING AND COMPOSITION II—The text in composition begun in I is completed in II, and is followed by a course in letter writing in which the students carry on, from data furnished, the correspondence of one or more business firms. In this connection thorough training is given in tabulating, manifold, filing, mimeographing, etc.

Three recitations per week.

Students taking this course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work.

Two hours credit.

The typewriter room is amply supplied with new standard machines and tabulators, and is equipped with mimeograph, letter-press, electric phonograph, and all modern, up-to-date office appliances pertaining to this work.

Beginning classes are formed each term.

PENMANSHIP—Students in the commercial course who do not write a good hand are required to take regular instruction. The modern business man demands of his bookkeeper or clerk, the ability to write rapidly and legibly. Movement is the foundation of Penmanship.

The constant aim in all exercises given is to develop plain writing with an easy, rapid movement.

COMMERCIAL COURSE

FIRST YEAR

FIRST SEMESTER

Theory of Accounts I.....	(4)
American History.....	(3)
English Composition.....	(2)
Modern Language.....	(3)
Political Economy.....	(3)

SECOND SEMESTER

Theory of Accounts II.....	(4)
American History.....	(3)
English Composition.....	(2)
Modern Language.....	(3)
Commercial Law.....	(3)

SECOND YEAR

FIRST SEMESTER

Corporation Accounting & Law.....	(3)
Negotiable Contracts.....	(1)
Commercial and Ind. Geog.....	(2)
Commercial Seminar.....	(1)
Modern Language.....	(3)
European History.....	(3)
Public Speaking or.....	(2)
Industrial History of U. S.	(2)

SECOND SEMESTER

Money and Banking.....	(2)
Corporation and Trust Finance.....	(2)
Accounting Systems and Problems.....	(3)
Commercial Seminar.....	(1)
Modern Language.....	(3)
English.....	(3)
Advanced Economics or Constitutional Law	(2)

Students wishing to take Stenography I and II and Typewriting and Composition I and II will be permitted to make substitution in second year, subject to the approval of the Director of the School of Commerce.

TEACHERS' COURSE IN STENOGRAPHY**FIRST YEAR****FIRST SEMESTER**

Stenography I.....	(4)
Typewriting and Composition I.....	(2)
English Composition.....	(2)
American History.....	(3)
Introductory Psychology.....	(3)
Elective.....	(1)

SECOND SEMESTER

Stenography II.....	(4)
Typewriting and Comp. II.....	(2)
English Composition.....	(2)
American History.....	(3)
Elective.....	(4)

SECOND YEAR**FIRST SEMESTER**

Stenography III.....	(3)
Amanuensis Work (Stenog.) I.....	(2)
English.....	(3)
Principles of Education.....	(3)
Elective.....	(4)

SECOND SEMESTER

Stenography IV.....	(3)
Amanuensis Work (Stenog.) II.....	(2)
English.....	(3)
Principles of Education.....	(3)
School Management.....	(2)
Elective.....	(2)

Substitutions in the Commercial Course and in the Teachers' Course in Stenography, not otherwise provided for, may be made upon the consent of the Committee on Registration.

SCHOOL OF ORATORY

Faculty

ALSTON ELLIS, Ph. D., LL. D.,

President

HARRY RAYMOND PIERCE,

Director of the School of Expression and Professor of Public Speaking, Ohio University. Coach and Critic for Coit Lyceum Bureau. Literary Interpretation. Voice Training. Dramatic Action. Oratory

MARIE A. MONFORT,

Graduate Leland Powers School—Assistant, Shakspeare, Pantomime, Bodily Action, Interpretative Reading, Monologue

ZULETTE SPENCER PIERCE,

Lyceum Reader and Entertainer—Assistant

C. M. DOUTHITT,

Director of Physical Education

For what does the School of Oratory of Ohio University stand? What methods of instruction are used? Does it offer a practical course for college men and women?

Answering these questions in order: First, the school stands for a higher development of personality, for individuality and loftier purposes; second, to achieve the best results there must be brought to bear the highest possible training in thought and expression; third, today in all walks of life, men must be able to stand on their feet and express their views in public; and, furthermore, be able to convince and persuade their fellow-men.

To accomplish this result there is daily practice in committing selections and orations of prominent writers and speakers, then, in writing original speeches and delivering them, studying the great orators as models, thus developing high standards; also, a thorough training in voice production is necessary for a well modulated voice. A good personality can always gain a hearing and accomplish the desired results. Making extemporaneous speeches from the class-room platform, during the second year's work, and debating the questions of the day form regular work. All these exercises are practical and profitable, because they prepare for a more useful life's work.

Beecher says; "Let no man who is a sneak try to be an orator." And he might have added, let no man aspire to distinction as a public speaker, whether it be in the pulpit, at the bar, or on the platform, unless he be willing to spend his days and nights in developing all the resources of his spirit, mind, and body. Our motto is: "A Rounded Development Must Be of Spirit, Mind, and Body."

Private Lessons

Two private lessons each week is a special feature of the School. This gives every student one hundred and twenty private lessons during the course. These lessons are given without extra charge. The best success of each pupil depends upon the private criticism. It enables the instructor at the very beginning to remove the personal difficulties and develop the student along the lines in which he seems deficient.

Bodily Expression and Pantomime

Art has its causation in the mind. All action of the body must be the result of the action of the mind. In this course, the body is treated as an instrument. It is freed from mannerisms and accidentals and trained to become the obedient and willing servant of the mind. A definite technique of action is introduced with exercises for the application of the principles of gesture. The office in expression of the different agents of the body—head, torso, and limbs—is studied. The pantomimic expression is carefully developed by problems of

simple situations, characterization, life studies, original studies, and dramatic action.

How to Gesture

"Every outward movement is but the manifestation of an inward emotion. To know how and when to gesture are important facts. There should be ease and grace and absolute control of the body. A gesture should be only for emphasis, to make the mental picture stand out more clearly before the audience; a gesture should never attract attention to itself, but should be the bodily expression of the thought. Gesture is that subtle language which conveys impressions which words are powerless to express."

Physical Culture

Too much stress cannot be laid upon the importance of physical development; there is a marked degeneracy in the physical powers of the men and women of today as compared with our forefathers. The tendency of the present age is towards mental rather than physical development and, as a result, we have an average of higher intellectuality without the necessary physical strength to support it. One function should not be neglected at the expense of another. There should be the Trinity of Spirit, Mind, and Body.

Voice Culture

The principles of vocal expression are not found in any mechanical rules, but in the thought and feelings of the speaker. If one would understand the rules which govern vocal expression, he must first learn how to think and feel with the author whom he interprets. His imagination, therefore, must be stimulated, his discriminating powers developed, and his voice becomes a responsive agent under the guidance of his emotions.

Instruction is given in the management and regulation of the breath, the proper use of the body, and the development of vocal energy.

English

The courses in English and Rhetoric are under the direction of Edwin W. Chubb, Litt. D., Dean of the College of Liberal Arts, and Professor of Rhetoric and English Literature.

The public speaker must not only be familiar with the best literature, he must have a mind stored with thoughts worthy of being imparted to others.

The aim will be to develop in the student the power of clear thought and accurate expression, in oral and written work; as it is believed by all that English literature is of primary importance to one who desires to become proficient in English expression.

Diplomas

Those completing the full course of two years, and passing the examinations satisfactorily, will receive a diploma bearing the name of Ohio University, School of Oratory. A charge of Five Dollars is made for this diploma.

Special Price

The usual cost for a term in the study of Expression at any of the well-known schools is Fifty Dollars per term, or One Hundred and Fifty Dollars per year, and when the student considers that he is to receive two private lessons each week, in addition to the course outlined above, this would not be too much. It is the wish of the authorities of the University, however, that all who care for this development may avail themselves of the opportunity. A semester's tuition in Oratory is \$28.50. A registration fee of \$9.00 is charged each semester, which allows the student to pursue other regular college work if so desired.

Public Speaking

(All courses must be continued throughout the year.)

COURSE I—Oratory I, II.

The aim is to acquire a pure tone, strength and flexibility of the voice, and a natural, easy manner of reading or speaking from the platform. Charts for correct pronunciation are made, miscellaneous selections studied, and parts committed which will be recited by the students before the class. Two hours. Each semester, Freshman elective. Text — "*Choice Reading*," Cumnock.

COURSE 2—Literary Interpretation III, IV.

This course covers the field of American Literature; selected authors are studied each week. The purpose of the course is to acquire the best possible expression—such as will reveal the thought and emotion—of these different writings. Two hours. Each semester, Sophomore elective. Course must be preceded by Course I or an equivalent. Text—*Literary Interpretations*, S. H. Clark; *How to Gesture*, Ott.

COURSE 3—Public Speaking V, VI.

The masterpieces of modern oratory are first studied as models, then original orations are written and delivered from the platform. Extemporaneous speaking on subjects assigned in advance. The development of mental imagery in conjunction with which original descriptions of scenes are given by the student. Each member of the class is required to write and deliver two orations during the course. Two hours. First semester. Required of Juniors in A. B. and B. S., courses. Text—“*How to Speak in Public*,” Kleiser.

COURSE 4—Advanced Oratory VII, VIII.

This study of Advanced Oratory is arranged especially for those who are pursuing the Graduate course in the Department of Oratory. Two hours each semester, Senior elective. Texts—“*Psychology of Public Speaking*,” Scott; “*Effective Speaking*,” Phillips.

COURSE 5—Argumentation.

Study and principles of argumentation. Preparation of briefs, weekly practice in debates and written arguments. Three hours, first semester. Elective for students who have completed Courses I or II. Text—“*Argumentation and Debating*,” Foster.

COURSE 6—Debating.

Practice in preparation and delivery of debates. Elective for students who have completed Courses I and IV. Two hours, second semester.

COURSE 7—Interpretative Reading I, II.

This course is arranged especially for those who are fitting themselves for teachers. Correct emphasis in reading cannot be too highly commended, as it shows the intelligence of the

reader and gives a certainty of meaning to the thought expressed.

It is a source of pleasure and culture to listen to the skillful reading of a book, newspaper articles or passages in the Bible. Two hours. Each semester. Elective.

COURSE 8—Shakspeare I, II.

Shakspearean plays, Bible and Hymn Reading. Critical study of four of Shakspeare's plays during the year. Expressional reading of principal scenes, and assigned passages are committed and recited. At the end of the year one of the plays will be given in costume by members of the class.

The study of Bible and Hymn reading will be taken up in the course for the sake of impressiveness. The words and the text must not simply be seen, but felt. The subject matter must come into the mind as reality—truth. The motive of the reader is to secure acceptance, and the end is belief. Two hours. Each semester. Elective.

COURSE 9—Expression.

Advanced study of expression. The purpose of this course is to give more extensive preparation to those desiring to make a specialty of literary interpretation and expression, either for teaching or platform work.

Arrangements for this course can be made with the head of the Department. The instruction will consist of private lessons, for which three hours' credit will be given.

Course 9 must be preceded by Courses 1 and 2, or their equivalent.

Oratorical and Debating Association

The Oratorical Association is open to all students regularly enrolled for twelve or more hours' work per week.

The object is to promote a higher standard of literary excellence in this institution, through annual contests with other colleges and universities, in debate, oratory, and such other forms of literary discourse as may be decided upon by the Executive Council.

There are two preliminary contests in debate and two preliminary contests in oratory to determine who shall represent the institution in inter-collegiate contests in debate and oration. The first preliminary contest is held in December of each year,

and the second preliminary contest before the Easter vacation.

For further information concerning contests, send for "Constitution of the Oratorical and Debating Association of Ohio University."

Dramatic Club

A Dramatic Club, under the direction of Prof. Pierce, has been formed. Students are allowed to present one standard play each term of the school year. This is of great advantage to the pupils, as it brings out certain latent powers, develops the art of impersonation, acquaints the cast with stage terms and settings, and the art of costuming and making-up to represent the characters true to life. There is no better way of acquiring ease and freedom of manner on the platform.

DRAWING AND PAINTING

MARIE LOUISE STAHL, *Instructor*

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The work in this department is carried on as much as possible after the manner of our best art schools. The student begins with still-life and perspective drawing, and, as he advances, draws from the cast and the living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged, and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form, proportion, and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Students in the Engineering Department will vary the medium from charcoal to pencil and pen and ink. Talks are given to the students on architecture, sculpture, and painting. These talks are illustrated with photographs, casts and lantern slides. There is also an abundance of illustrative material in the many art periodicals and works on art which are kept in the studio for the use of students.

COLLEGE OF MUSIC

Faculty

ALSTON ELLIS, Ph. D., LL. D.,
President

JAMES PRYOR McVEY, Ph. B., Director,
Voice and Piano

MARGARET EDITH JONES, Mus. B.,
Piano and Harmony

NELLIE H. VAN VORHES,
Piano and Virgil Clavier

CLAUD CHARLES PINNEY, Mus. B.,
Pipe Organ, Piano, Theory

PAULINE A. STEWART,
Voice and History of Music

KATHARINE HOGE MCINTYRE,
Voice

SYLVIA MOORE,
Piano

JOHN NEWMAN HIZEY,
Violin

EUGENIA MAY LISTON,
Public-School Music

From the experience of all who have been observant of those matters it is proved that the natural place for a college of music is among the older colleges of a university. The close affinity existing between literature and the arts justifies the statement that only in such surroundings as these can the student of music

acquire that familiarity with language, literature, history, etc., as will make him a musician worthy of his art. Music requires much special study; and a full and well-trained mind must be brought to bear upon the interpretation of the master works which have been produced by those intellectual giants among both the ancients and the moderns of musical history. He who does not know history and literature cannot grasp the full meaning of the great tone works, the study of which is required in a thorough musical course.

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for the complete rounding of a musical course. Too much stress cannot be laid upon the advantage of intimate association with a great seat of learning, having its libraries, laboratories, lectures, and classes in all the varied departments of liberal education.

The College is well equipped for the special work it offers. The rooms it occupies are well adapted for the purpose for which they are used.

Diploma

A diploma is granted by the Trustees of the Ohio University to those completing the Musical Course to the satisfaction of the faculty of the College of Music. For the diploma four studies are required—a major and a minor in applied music, and the complete course in Harmony and in the history of Music. Those finishing the course in piano must have had at least one year of study of voice or instruction upon some musical instrument other than the piano. Those finishing the course in voice or violin must have had at least one year of piano. The courses in the Harmony and in the History of Music are required of all who expect a diploma. One year of a modern language is also required.

Entrance Requirements

The classes in the College of Music are open to any one wishing to take special work, but not desiring to graduate. Those expecting a diploma must have completed a high-school course of fifteen units or the equivalent. Work which has not already

been done can be carried on by the students in the State Preparatory School while pursuing earlier musical study.

The requirements for admission to the advanced classes in the College of Music are the same as those for admission to the Freshman class of the University, with these exceptions: that modern languages may be substituted for Latin, and that additional units in history, English, or in languages may be substituted for the advanced mathematical work required.

COURSES OF STUDY

It is understood that these courses are merely suggestive, and are in no sense to be considered as mentioning all the work given. This is determined by the needs of the individual pupil and is limited only by the bounds of the literature of music.

Elementary Work

Children should have instruction as early as possible, that they may cultivate the talent with which they are naturally endowed. The instruction should be the best, since without a good foundation no artistic excellence is possible. Even in the elementary department the pupils appear early in recitals, thus acquiring ease and precision.

Preparatory Work

Technique is carefully studied. Taste and style are cultivated and the student is taught to grasp intelligently the composition and ideal of the composer.

Normal and Artist Department

For those who expect to teach and who expect to do concert or other professional work, the opportunities offered are excellent. Students of the College of Music have already gone into the different professional fields and have met with success born only of faithful study and excellent training. Special illustrated lectures on the art of teaching are given; the students from the different departments are chosen to appear before the Normal classes.

The sight-singing and chorus classes give helpful training to those who expect to take up choir work or to teach music in public schools. The frequent student's recitals and concerts, the oratorio or opera given by the College, afford ample opportunity for those who expect to become professional artists.

Courses in Piano

Grade 1—Theory of technic, simple exercises; little studies by Kohler, Gurlitt, Czerny, Loeschorn; elementary pieces by Clementi, Mozart, Gurlitt, and others.

Grade 2—Czerny's School of Velocity, studies by Duvernoy, Heller, Loeschorn; sonatinas of Mozart, Clementi, Kuhau; pieces of Reinecke, Gurlitt, Heller and Schumann.

Grade 3—Loeschorn studies, Op. 67; Czerny School of Velocity; Bach's Inventions (two voice); Trill Studies of Krause; Octave Studies by Jean Vogt or Kullak; Easier Studies of Cramer; Sonatas of Haydn, Mozart, Beethoven; pieces by Lack, Godard, Chaminade.

Grade 4—Studies by Cramer; Octave Studies of Wolff; Daily Studies, Czerny; Bach's Inventions (three voice); Sonatas, Mozart; Dussek, Beethoven; Selections from Mendelssohn, Chopin, Schubert, Schumann, Raff, Scharwenka, Godard, Chaminade, Leschetizky, Tschaikovsky, and others.

Grade 5—Clementi's *Gradus ad Parnassum*, Tausig's Daily Exercises, Mason's *Touch and Technic*, Bach's *Well-Tempered Clavichord*, Chopin Studies, Henselt Studies, Sonatas of Beethoven, Liszt's Rhapsodies, Compositions of Mendelssohn Moscheles, Chopin, Rubinstein, Grieg, MacDowell and others.

Course in Vocal Culture

Individual voices differ so widely in their needs that this course can be indicated only in a general way.

Grade 1—Lessons in breathing, voice placing, intervals, exercises for blending registers, tone-production (continued throughout the course as needed); Studies by Concone, Vaccai and others; easy songs by American, English, and German composers.

Grade 2—Intervals with portamento, scales, arpeggio, solfeggio; Studies in Concone, Marchesi; English Ballads, Mendelssohn's Songs, Sacred Songs.

GRADE 3—Scale, arpeggio, turns and trills in more rapid tempo, vocalises of Concone, Marchesi, English, German, French and Italian songs; more difficult church music.

GRADE 4—Major and minor scales, chromatic scales, Concone's Fifteen Vocalises, recitative and aria, German, French, and Italian Opera, easier oratoria arias; more difficult songs of Schubert, Schumann, Grieg, Jensen, Liszt, Lassen, Brahms, and others.

GRADE 5—Bravura and Coloratura singing; difficult concert songs; complete opera and oratorio with traditional rendering; special study of Creation, Redemption, Elijah, Messiah, and the Passion Music of Bach.

Students of voice expecting certificates must know enough of piano to play simple accompaniments.

SPECIAL NOTICE—A well planned, thorough course in Public School Music is offered. See descriptive statement connected with the State Normal College.

Pipe Organ Course

Students of the organ must have had at least one year's work in piano and one semester's work in harmony. The course is opened with a careful study of the Clemens Organ School, supplemented by hymn tunes, simple anthems, chants and the easier compositions for the organ by Guilmant, Du Bois, Mendelssohn and others. More advanced work, including pedal studies by Neilson, trios by Snyder and Rheinberger, Bach preludes and fugues, and the more difficult works of other masters of the organ, is offered to those who may desire to make a specialty of organ playing.

The church organist finds himself called upon to make frequent use of transpositions and modulation, therefore students are required to follow out a carefully planned course in these much neglected branches of the organist's equipment.

Course in Violin

GRADE 1—Hermann Method—Book I, Kayser—thirty-six progressive studies, Op. 20, (Nos. 1 to 18). Easy pieces by Dancla, Papani, Bohn, Hermann, etc.

GRADE 2—Hermann Method—Book II, Schradieck—Finger Exercises, Kayser—thirty-six progressive studies, Op. 20, (Nos. 19 to 36), Mazas Etudes, Op. 36. Selected pieces for violin and piano.

Grade 3—Schradieck—Scales, Kreutzer—Etudes, Florilla, Etudes, Concertos by Rhode, De Beriot, Solos by Alard, Rode, etc.

Grade 4—Schradieck—Chord studies and double stops, Rode—twenty-four Caprices, Alard—twenty-four Caprices, Op. II. Concertos and solos by Rhode, Viotti, De Beriot, etc.

Grade 5—Bach's Sonatas for violin solo, Schradieck—twenty-four studies, Op. I; Dont Gradus ad Parnassum; Etudes et Caprices, Op. 15; Solos by Wieniawski, Vieuxtemps, etc.

HARMONY AND THEORY COURSE

In addition to the study of applied music, whether piano, voice, violin, or organ, a practical knowledge of harmony and theory is necessary to a complete appreciation of musical works. Therefore this course is required of all students expecting to graduate. This work covers two years with recitations twice a week.

Harmony

FIRST SEMESTER

Part I.—

Scales, Minor and Major, Intervals, Triads and their location.

Connection of Triads, Primary and Secondary.

Inversions of Primary and Secondary Triads.

Part II.—

Chord of the Dominant seventh.

Inversion of the Dominant seventh.

Triad on Leading Tone.

Modulation to nearly related Keys.

Modulation through the use of Dominant seventh chord.

SECOND SEMESTER

Secondary seventh chords.

Cadences—Half and Deceptive.

Chord of Dominant ninth.

Chord of Diminished seventh.

Chords of seventh on the remaining degrees of the scales.

Passing seventh.

Original work.

Part III.—

Modulating to Dominant Key.

Modulating to Sub-Dominant Key.

Modulating a Major second upward.

Modulating a Major second downward.

Modulating a Minor third upward.

Modulating a Minor third downward.

Modulating a Major third upward.

Modulating a Major third downward.

THIRD SEMESTER

Part IV.—

Altered chords.

Chord of Augmented sixth.

Chord of Augmented sixth, four-three.

Chord of Augmented six-fifth.

Chord of Augmented sixth with doubly augmented fourth.

Chord of Neapolitan sixth, eighth, and six-four.

Modulations.

Part V.—

Suspensions.

Retardation.

FOURTH SEMESTER.

Passing tones and embellishment.

Appoggiatura and Anticipation.

Pedal Point.

Figuration.

Figured Melodies.

Florid Melodies.
Accompaniments.
Analysis.
Form.

History of Music

A year's work of two recitations a week in this study is required of all students who expect a diploma. The aim is to give a comprehensive view of the rise and development of music to the present period. Copious illustrations, with the pianola and other instruments, serve to give the student a sympathetic and living interest in the master-works.

Appreciation of Music

This course, while open to all serious students, is especially designed for those who have little or no technical knowledge of music, and yet wish to acquire a helpful general comprehension of it as a whole, so that in listening to good music they may be both pleased and intelligently uplifted. The course covers one year of two lectures each week.

NOTE: In addition to the regular course offered above, students may take work in counterpoint and fugue, if they like.

Public School Music

For a description of this course, turn to pag 110 of this catalogue.

Supplementary Courses

The ideal of the music student should be the completion of a four-year course in the College of Liberal Arts. Of course this would require five or six years of one who had finished a course in a first-grade high school, on the supposition that the student had already made some progress in music. To those who can not attain this end, it is suggested that an effort be made to round out their musical education by taking the following supplementary course in the liberalizing studies here outlined:

First Year—

Freshman Composition,
Byron, Keats, and Shelley,
American Poetry.

Second Year—

Shakespere,
Browning and Tennyson,
The English Bible.

Third Year—

European History,
The Modern Drama.

Fourth Year—

History of English Literature,
Modern Fiction.

PUBLIC SCHOOL MUSIC

MISS LISTON, *Instructor*

The aim of this Department is two-fold. First—a general study of the rudiments of music, for grade teachers. This work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of music that he may be able to carry on the work intelligently under the direction of a supervisor, or, if necessary, to give such instruction himself.

One year's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public-school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching.

The second aim—a comprehensive study of music for those who wish to become supervisors. All students completing this special course will receive a diploma. Sufficient time to earn this diploma is given. Admission is based upon graduation from a high school of the first grade. Students who have

sufficient scholastic preparation may take work in the State Preparatory School.

For those without any knowledge of music, two years will be required to complete the course, but those who have some knowledge of the piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department toward the completing of this course.

SIGHT SINGING—Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression.

EAR TRAINING—Systematically graded exercises to quicken the musical hearing. Oral and written reproduction of melodies in all keys.

CHORUS—A series of practical lessons in the study of material suitable for use in High School and Upper Grammar Grades. The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

ADVANCED SIGHT SINGING—A class for those who are to become Supervisors of Music. A study of the different music systems in common use is taken up in this class.

METHODS—Principles of education as applied to the teaching of music. Course of study planned, for all grades from First Year through the High School. Special study of the voice. Study of song material suited to the various years of school life. Rote Songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games.

OBSERVATION AND TEACHING—Nine semester hours of teaching and observation are required in this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisors. As soon as students are prepared they begin teaching in the Training Schools, and as they acquire skill in teaching music in all grades under supervisions, they become experienced teachers of Public School Music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

PHYSICAL EDUCATION

C. M. DOUTHITT, M. D.,
Director of Indoor Athletics

ARTHUR W. HINAMAN,
Director of Outdoor Athletics

AIMS—

1. To develop bodily vigor and vitality, the prerequisite mental efficiency.
2. To secure and maintain correct bodily carriage in standing, walking, and running, a balanced muscular development, and a fair degree of skill and ease of movement.
3. To provide an opportunity and incentive for every student to secure physical recreation to overcome the evils of the sedentary life of the student.
4. To promote the social, moral, and mental values of games and sports, and to secure to every student the opportunity for their practice.
5. To develop such habits of exercise in students that they shall continue their practice after leaving college.

REQUIRED WORK—Three semesters of work in physical training are required, unless the student is excused because of physical disability. This work should be taken during the first and second years of college life.

MEDICAL AND PHYSICAL EXAMINATION—All first year students are urged to take a medical and physical examination as soon as possible after entering college. The purpose is to determine the student's organic condition; to discover abnormal deviations of form, structure, and function; to warn and give special advice when necessary.

GYMNASIUM WORK—The work in the gymnasium consists of running, calisthenic drills (free hand, wands, dumb bells, and

Indian clubs,) gymnastic dancing, heavy apparatus work, and active games, such as basket-ball, and indoor base-ball.

The exercises are chosen rather for their physiological value than their looks—for the education of the neuro-muscular system than for the mere development of strength.

The gymnasium is open for individual work throughout the day except during regular gymnaesium class work.

OUTDOOR ATHLETICS—Facilities are furnished for the various forms of outdoor athletics. Ample opportunity is given to all who care to indulge in foot-ball, base-ball, tennis, and track and field athletics.

THE STATE NORMAL COLLEGE
OF
OHIO UNIVERSITY

FACULTY*

ALSTON ELLIS, Ph. D., LL. D.,
President

HENRY G. WILLIAMS, A. M., Ped. D.,
*Dean of the State Normal College and Professor of School
Administration*

FREDERICK TREUDLEY, A. M.,
Professor of Philosophy and Ethics

WILLIS L. GARD, A. M., Ph. D.,
Professor of the History and Science of Education

OSCAR CHRISMAN, A. M., Ph. D.,
Professor of Paidology and Psychology

EDSON M. MILLS, A. M., Ph. M.,
Professor of Mathematics

WILLIAM FRANKLIN COPELAND, Ph. M., Ph. D.,
Professor of Agricultural Education

HIRAM ROY WILSON, A. M., Litt. D.,
Professor of English

WILLIAM ALDERMAN MATHENY, A. M., Ph. D.,
Professor of Civic Biology and Elementary Science

*The instructors named above teach principally in Normal College classes. Members of the University Faculty have work in the Normal College, of a nature indicated by the University Departments with which they are connected.

THOMAS N. HOOVER, A. B., A. M.,
Professor of History

FREDERICK C. LANDSITTEL, B. Ped.,
Instructor in Methods and Art of Teaching

JOHN J. RICHESON, B. Ped.,
*Professor of Physiography and Supervisor of Rural Training
Schools*

C. M. DOUTHITT, M. D.,
Director of Indoor Athletics

GEORGE E. McLAUGHLIN,
Instructor in Manual Training

C. O. WILLIAMSON, B. Ph.
Assistant in Manual Training

GEORGE C. PARKS, Ph., B.,
Instructor in Penmanship

HOMER GUY BISHOP, B. S.,
Instructor in Paidology and Psychology

MARIE A. MONFORT, B. O.,
Instructor in Reading and Public Speaking

ELIZABETH H. BOHN,
Principal Domestic Science School

HELEN HOAG,
Instructor in Domestic Science

BERTHA E. BUXTON,
Assistant in Domestic Science

MARY ELLEN MOORE, A. B.,
Instructor in Latin

EMMA S. WAITE,
Principal of Training School

MARY JUNITA BRISON, B. S.,
Instructor in Drawing and Hand-Work

KEY ELIZABETH WENRICK,
Assistant in Drawing

EUGENIA MAY LISTON,
Instructor in Public-School Music

ELIZABETH MUSGRAVE, AMY M. WEIHR, Ph. M., B. Ped.,
 ELSIE S. GREATHEAD, WINIFRED L. WILLIAMS,
 MARGARET A. DAVIS, CORA E. BAILEY, B. Ped.,
 and MARGARET L. TILLEY,
Critic Teachers

HAIDEE CORAL GROSS, EDITH A. BUCHANAN, and
 LILLIAN ESTHER TERRELL,
Critic Teachers in Rural Training School

CONSTANCE TRUMAN MCLEOD, A. B.,
*Instructor in Kindergarten Education and Principal of the
 Kindergarten School*

KATE DOVER,
Instructor in Kindergarten

Training for Teaching at Ohio University

THE BEGINNING—Ever since 1886, the Ohio University has made provision for the training of teachers, at first, in a Normal Department. This owes its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department, and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*" and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio, March 12, 1902, H. B. No. 369—Mr. Seese—became a law.

THE STATE NORMAL COLLEGE of Ohio University owes its existence to a provision of this act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4 of an Act of the Legislature, dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of five one-thousandths (.005) of one mill upon each dollar of all the taxable property in Ohio. The annual income thus derived amounts to about \$37,500.

SCOPE OF WORK—The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact, the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth, and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public-school advantages never, as pupils, see the inside of a high-school. These considerations suggest that normal-school work should, first of all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will follow, in any right-ordered, well-

rounded scheme of normal-school organization, as a matter of course.

The Function of the Normal School

TRAINING—In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is very essential in the equipment of a man or woman trained for the school-room.

PROFESSIONAL TRAINING—Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physican rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even a high school graduation is required by the laws of this state. There is absolutely no restriction as to scholarship, or special fitness, except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a per-

son nearer the threshold of one profession than that of another? If teaching is ever to become a profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child requires more discipline of mind and a greater breadth of view than to preach a sermon.

TEACHERS REQUIRED—Approximately 27,000 teachers are necessary to supply the public schools of Ohio, 24,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of the township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for the constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal school graduates. Not a large percentage are graduates of high schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

HIGH SCHOOLS—Although high schools are multiplying rapidly and are growing more and more efficient year by year, yet many of these young people have never had the opportunity of high school training. Besides, a knowledge of high school

subjects is not required of the applicant who seeks admission to the examination for the teacher's certificate. Therefore, high school graduation cannot wisely be made the standard of admission to our state normal schools so long as the laws governing the certification of teachers remain as they do at present. The state can not wisely close her doors against the young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them.

The law establishing these state normal schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the preparatory course leading to the regular college courses in Elementary Education and Secondary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete one of the elementary courses in two years. Teachers of much experience may enter the two-year course and be conditioned on preparatory work but cannot receive a diploma until they have 15 units of preparatory work to their credit.

VALUE OF TRAINING—Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic and cultural

studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the best instruction given in the University, as Normal College students are taught in the same classes by the same professors, and have access to all the privileges of the University.

RURAL SCHOOL TEACHERS—But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spend years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the state and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University, where they will be carefully guided in the selection of such studies as will make them more efficient. Our duty in this matter is plain.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Fifteen

units of credit in any recognized preparatory subject admit the student to the Freshman class. The course in Elementary Education leads to a diploma from the Normal College. This diploma entitles the holder to a special examination for a State Life Certificate, as fully explained elsewhere in this catalogue.

The four-year course in Secondary Education is the equal in scholastic requirements of any other course in the University.

Courses of Study in the State Normal School

FOR TEACHERS OF COUNTRY SCHOOLS—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal School authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal School at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Schools as are the people in the cities. These schools belong to all the people of Ohio and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so many of the graduates and trained students of the State Normal College do not return to the country schools is because the towns and cities outbid the township boards of education and pay often from \$100 to \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships can not pay more. In such a case it is the plain duty of the State to aid such township, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed.

ELEMENTARY STUDIES—But the State Normal College offers special training in all so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Besides articulating their work with that of the special department for the training of rural teachers, both as to methods to be employed in the district schools and as to the rural-school course of study, most teachers and professors in charge of the work in the State Normal College have had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides it is one of the cardinal principles of the State Normal School to make constant study of rural-school conditions in Ohio.

COURSES ARE GIVEN in Orthography, Reading, Penmanship, Arithmetic, Grammar, Composition, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, the Course of Study, Nature Study, Elementary Agriculture, Advanced Agriculture, Manual Training, Domestic Science, Gardening, Elementary Chemistry, Physics, Botany, Latin, German, and everything that a progressive rural school teacher needs. Special emphasis is placed upon the problems of country school organization and management.

There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single term at the State Normal School at Athens. Students may enter at any time, study whatever they wish if they are qualified to enter the classes, and no entrance examinations are required. The Dean of the Normal College will confer with students and ad

vise them as to the studies they should pursue, but all assignments are wholly in the interests of the student.

FOR GRADE TEACHERS—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, several courses are offered. For those who are graduates of good high schools, a two-year college course is offered, covering advanced reviews of all the common branches each pursued in the light of the best methods of teaching the subject in the grades (by "grades" is meant the elementary school—all work below the high school, usually divided into eight grades, or years); courses in Principles of Education, both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Sociology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, Agriculture, Domestic Science, Manual Training, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a Diploma in Elementary Education, which becomes a State Life Certificate after 24 months of experience. This diploma represents as much scholarship and training as graduation from any one of the half-score of highest grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least as a state certificate to teach.

Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have not completed before entering the State Normal School. The completion of this course admits the student to any Normal College course, the same as graduation from a high school of the First Grade.

FOR HIGH SCHOOL TEACHERS—The course for high-school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Science in Education, the full equivalent in scholarship and literary culture of any bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics,

Latin, German, Greek, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high-school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high-school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high-schools. It is not enough that such teachers shall know Latin and Greek and geometry and every thing else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject-matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the elementary teacher, but have continued to accept the inexperienced, untrained college graduate as the high-school teacher. As a result there is more poor teaching done to-day in the high schools than in grades of the same town or city. We need *trained* high-school teachers.

PRACTICE TEACHING—The State Normal College has a State Preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, German, Greek, Physics, and all other secondary school subjects. Students in the State Normal College who are pursuing either the course for high school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects, but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high

school work must show proficiency to a high degree in teaching at least one high-school subject before a diploma will be granted.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high-schools.

COURSES FOR SUPERINTENDENTS—This course is the same as that for high-school teachers except that the requirement of three collegiate years in one subject is not made, and more work in Administration is required.

FOR COLLEGE GRADUATES—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Science in Education. All the work of this course is of a professional nature, and is well adapted to meet the needs of those who desire to teach in the elementary schools or high-schools or to serve as superintendents, due to the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

COURSE FOR RURAL TEACHERS—Special attention is called to the course for students preparing to teach in rural schools. The opportunities in this direction are unexcelled, and teachers and prospective teachers will find this course most satisfactorily planned to meet their needs. The course is broad enough in the academic studies to meet the needs of teachers preparing to teach the various elementary branches; and the opportunity to study methods of teaching, principles of education, school management, etc., is broad enough to equip teachers most satisfactorily for work in the rural schools. The Rural Training School is in session from the second Monday in September until the latter part of July, within one week of the close of the Summer School. To inexperienced teachers this is a Model School or school for observation, but to experienced teachers and students sufficiently advanced, it is a Practice School.

COURSES FOR PRIMARY TEACHERS—Very frequently a teacher desires to make a special preparation for work in the First Grade, or D Primary. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 120 hours of teaching, take a special course in Kindergarten Methods, do

special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as Special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teaching will be confined to the Primary Grades in the Training School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

THE KINDERGARTEN—Special attention is directed to the fact that the State Normal College maintains a first-class Kindergarten, under the skilled direction and teaching of a specialist of much experience, with a graduate kindergartener as assistant, who not only teach the Kindergarten, but train prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public school system of Ohio, and all boards may make a special levy for the support of kindergartens.

DEPARTMENT OF ELEMENTARY SCHOOL SCIENCE—It is with peculiar pleasure that the State Normal College announces as a strong department that of Elementary School Science, consisting of courses in Nature Study or Civic Biology, Botany, Elementary Chemistry and Physics for the Elementary School. A specialist of broad and practical experience has charge, a fine laboratory has been equipped, and opportunities are here offered for thorough work.

THE TRAINING-SCHOOL.—The very center of a normal school is its Training-School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training-School. This Training-School now covers work in the Kindergarten, the Primary Grades, the Grammar

Grades, the Rural Schools, and the High-School—the full range of teaching in public schools. This Training-School consists of well-graded and closely-articulated schools covering the Rural School, the Kindergarten School and all the primary and grammar grades, followed by the State Preparatory School for High-School practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training-School. During the first year of the student's training the Training-School is used as an observation or Model School, in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room.

DEPARTMENT OF AGRICULTURE—Prior to June, 1911, instruction in Agriculture was given in the Department of Elementary Science. Courses had been given for three years prior to that time, and the increasing demand for such work justified the organization of a new department. The primary purpose is to equip teachers to give instruction in agriculture in the public schools. The reader is referred to the detailed description of courses elsewhere in this catalogue.

During this first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German,

History, and other secondary school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 90 hours, or lessons, and this teaching must be of such character as will be accepted by the College authorities. The total amount of work in observation and teaching required in secondary subjects is 180 hours. The student may teach 120 hours and observe 60 hours, but not less than one-half of the total of 180 hours shall be given to teaching. The Ohio law authorizes the State Commissioner of Common Schools to fix the amounts and ratios of observation and of Practice Teaching and that office has determined the ratios and aggregates here given.

Life Certificates For Trained Teachers

AT LEAST FORTY STATES in the Union recognize the value of professional training for their teachers. This recognition is shown in their certification laws, in which graduates of their State Normal Schools are granted professional certificates exempting their holders from further examinations. In twenty-one states the graduates of the State Normal Schools and Colleges of Education are granted permanent or life certificates upon graduation and in twenty states provisional certificates are granted, valid for a period ranging from two to four years, at the expiration of which time the certificates are made permanent upon the applicant's credentials showing successful teaching experience. Until 1910, Ohio was not to be found in either column, but the legislature of 1910 enacted the Hawkins Law, which recognizes professional training by granting to the holders of diplomas from Normal Colleges first a state provisional certificate, valid for four years, and such certificate is to be made permanent when the holder has passed a limited professional examination before the State Board of School Examiners and has had not less than twenty-four months of successful experience in teaching.

Prior to the enactment of this law several states had recognized the diplomas of the State Normal College of Ohio University, by granting provisional or permanent state certificates to their holders. Of the 48 states in the Union, at least 29 re-

cognize the diplomas from the State Normal College as state licenses to teach, usually as life licenses without examinations. The Dean of the State Normal College will furnish full information on this point to graduates who contemplate teaching in a state other than Ohio. The Hawkins Law is already proving a healthy stimulus to professional activity among the teachers of Ohio. The provisions of this law, briefly stated, are as follows:

THE NORMAL SCHOOL OR COLLEGE which grants the diploma recognized under this law, must offer a college course of not less than two full years beyond graduation from a four-year high-school course or equivalent preparatory scholarship. This means that the preparation for such a professional course must cover not less than 15 units of high-school or secondary subjects, a unit standing for a subject pursued not less than one year of not less than 32 weeks. In ordinary interpretation this means that 160 recitation hours or periods of 40 minutes each, shall be given to a high-school subject to equal one unit of credit. Under the ruling of the State School Commissioner who is given authority under this law to fix the standards of observation and practice teaching, and determine the ratio of academic work to work in professional subjects, not less than 50% of the two-year course in the Normal School or College shall be given to educational or professional subjects. The law provides that all courses for elementary teachers, and special teachers in Drawing, Music, Kindergarten, Manual Training, etc., shall cover not less than two years of work apportioned between professional and academic subjects in such ratio as the Commissioner shall require. As a part of the professional work done in such a case there shall be not less than 180 recitation hours devoted to Observation and Practice Teaching in a Training School under the direction and control of the Normal School or College, and not less than 90 hours of this work shall be given to actual teaching in such Training School. The holder of a diploma granted for one of these two-year courses is entitled to a four-year state certificate valid in any school in the state, after passing the regular examination for elementary certificates, the manuscripts to be forwarded by the county examiners to the State School Commissioner, who grades and values the same. When the holder

of such diploma has had twenty-four months of successful experience following graduation, he or she is entitled to go before the State Board of School Examiners and take an examination in Theory and Practice, passing which the applicant is given a Common School Life Certificate.

SPECIAL CERTIFICATE—Graduates from the courses in Kindergarten, Public School Music, Public School Drawing, Manual Training, Domestic Science, or Agriculture are entitled to appear before any county board of school examiners and take an examination in the special subject and Theory and Practice and receive from the State School Commissioner a special State Certificate, which becomes a Life Certificate in that special subject in the same manner as required in the case of one who has completed a course leading to a Common School or a High School Life Certificate.

ALL GRADUATES of a four-year Normal School or College course pursue the same general plan and are granted High School Life Certificates. The four-year course shall include not less than 25% of professional subjects in which shall be included actual Observation and Practice Teaching in secondary subjects in a Training School under the direction of the Normal School or College. This means that no such diploma shall be recognized unless one full collegiate year has been devoted to professional subjects, although the work in these subjects may be distributed throughout the four years. The holder of a diploma from a four-year course in a Normal School or College first takes the regular uniform high-school examination before any county board in the state, the papers to be graded and valued by the State School Commissioner. If the applicant is successful he is granted a four-year State High School Certificate. After twenty-four months of successful experience the holder of said diploma is then entitled to appear before the State Board of School Examiners, where he takes an examination in Theory and Practice, History of Education, and Science of Education, passing which he is granted a High School Life Certificate.

ALL PROGRESSIVE TEACHERS in Ohio now certainly have a strong inducement to obtain professional training. The facilities for such instruction in the State Normal College of Ohio University are such as to meet in every detail all the conditions

imposed by this law and by the requirements of the office of the State School Commissioner. In fact, the standard at the State Normal College has always been as high as that above described. The course for high-school teachers and superintendents offered by the State Normal College requires 35% to be done in educational subjects. The facilities for Observation and Practice Teaching required by this law are more than ample to meet the need in the training of teachers in the elementary schools, in the high-schools, in the rural schools, and for positions as supervisors in special subjects or as superintendents of schools.

In addition to the courses above outlined and recognized by the state in the granting of professional life certificates, the State Normal College has also made ample provision for the professional training of teachers for the rural schools, having established clearly differentiated courses for such teachers and opened a Rural Training School, which is supervised by a trained teacher who has had wide experience in the rural schools. Special attention is directed to a detailed description of this course elsewhere in this catalogue.

DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR WILLIAMS

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses are briefly described as follows:

I. SCHOOL ADMINISTRATION AND SCHOOL LAW—This is a three-hour course for one semester, and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2)

School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Chancellor's *Our Schools and Their Administration* is made the basis of this course. Much of the work, however, is in the form of a library and lecture course. First semester, three hours.

2. SECONDARY COURSE OF STUDY—This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of presentation of these subjects, the purpose of secondary school training, the relation of the secondary school to the elementary school on the one hand, and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive some attention, but special instruction in the methods of high-school teaching must be obtained in the Department of Methods.

The texts used are DeGarmo's *Principles of Secondary Education*, *Report of the Committee of Ten*, and *Report of the Committee of Seventeen on the Professional Training of High School Teachers*. First semester, Junior year, three hours. Required of all students pursuing the course leading to the degree of Bachelor of Science in Education, and may be elected by Juniors and Seniors in other courses.

3. SUPERVISION AND CRITICISM —This is a two-hour required study in the course for superintendents and high-school teachers and is given during the second semester, and occasionally repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision certainly no course in the Normal College could be more valuable.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, etc.

4. THE PROBLEMS OF SCHOOL ADMINISTRATION—This is a two-hour course, extending through second semester, senior year elective, and open only to those who have had courses in the Science of Education, History of Education, and School Administration.

DEPARTMENT OF THE ART OF TEACHING

PROFESSOR LANDSITTEL

Teaching as an art is eminently worthy of clear exemplification. It implies the application of scientific principles with understanding, and calls for deftness and skill in handling pupils and materials as well. This department strives toward the end thus defined. By the use of the Training School classroom as a laboratory of method, students are enabled to see, and make for themselves, practical application of the various theoretical solutions of teaching problems which are developed in the regular course of instruction. Appreciation of the dignity and wealth of opportunity in the teacher's work is stimulated incidentally in all courses as the grounding of a sincere and wholesome professional spirit.

FIRST SEMESTER

1. GRAMMAR GRADE METHODS I—Three hours. Freshman, required in the diploma courses in Public School Music, Drawing, Domestic Science, and Manual Training, and in the rural school course. A thorough study of the recitation constitutes the fundamental part of this course. The accepted method types represented in current usage are studied with attention to the corresponding lesson plans. Regular observation work in the Training School is carried on, either preceded or supplemented by class consideration of the principles involved. The teaching of reading, nature study and geography, and physiology are carefully developed, and incidental observation work in Domestic Science, Manual Training, Music, and Drawing is introduced.

GRAMMAR GRADE METHODS II—Three hours. Freshman required. This course is a continuation of the work of Grammar Grade Methods I, with special attention to the teaching of Language and Grammar, History, Geography, and Arithmetic.

3. ELEMENTARY COURSE OF STUDY—Two hours. Sophomore required. Prerequisite, a minimum of ten hours work in education. The fundamental principles of ultimate and immediate aims in school instruction receive first consideration in this study of the curriculum, and they logically connect with the great question of educational values. The latter are regarded as inhering in subject matter not solely by reason of its importance as world knowledge, but quite as much because of its adaptability to the capacity and needs of the growing child. The bearing of community interest upon values is given attention, with the end in view of promoting the better social service of educational agencies. A study of sequences, both logically and psychologically considered, and of the correlation of subjects, paves the way for practical work in the construction of courses. The text-books used will be McMurry's *Course of Study for the Eight Grades* and Williams's *Course of Study for Ohio Schools*.

4. SECONDARY DIDACTICS—Three hours. Junior required. Scientific method in class teaching and in the study of educational problems is marked out as the distinctive type of training to be emphasized through this course. Specific difficulties in method will be set before students, and guidance will be given in finding facts and working up materials by way of their solution. Opportunity for gathering data first-hand will be afforded through regular observations of work in the preparatory classes of the University.

5. SECONDARY TEACHING—Three hours. Senior required. Students presenting themselves for work in practice teaching must have had a minimum of eighteen hours of work in education, including Courses 4 and 10 in this department. Exception will be made to this rule only in the cases of graduate students and teachers of approved experience. A major and a minor subject must be chosen by each student, two hours a week being given to the former and one to the latter; all teaching will be done in regularly organized classes in secondary subjects,

and will be under the immediate direction of the regular instructors of these classes but subject to supervision by the head of this department.

SECOND SEMESTER

6. THEORY AND PRACTICE—Three hours. Freshman required. This course deals with the five phases of the teacher's work—organization, management, instruction, training, and discipline. It makes rapid survey of educational laws and procedure, and is designed to serve the interests of teachers of experience who may wish to prepare for the state examinations given under the Hawkins law and of those, as well, who are seeking state or local certificates in special subjects.

7. GRAMMAR GRADE METHODS I—Three hours. A repetition of Course 1.

8. GRAMMAR GRADE METHODS II—Three hours. A repetition of Course 2.

9. SOCIAL METHODS IN EDUCATION—Two hours. Sophomore required. The aim in this study is to present teaching as a social service, and to give insight into the social relationships that condition education both within the school itself and as regards its connection with other social structures. Students are put in touch with the most recent undertakings in the way of giving added efficiency to education. The school as a social center, the function and form of school dramatics, and other forms of group work that seem practicable for class use are given particular attention.

10. HIGH SCHOOL METHODS—Two hours. Junior required. An understanding of the special function of the American high-school is developed through consideration of its past history, its present academic and social aspects, and its relation to the general problem of adolescence. The essentials of secondary class management will be dealt with; and opportunity will be afforded, through assigned readings and group conferences, for special study of the teaching of individual high school subjects.

11. SECONDARY TEACHING—Three hours. Senior required. This is a continuation of Course 5. Students will be expected to give one or two hours a week to the major subject selected for the first semester, devoting the remaining time to one or two minors, as they may elect.

DEPARTMENT OF THE HISTORY AND PRINCIPLES OF EDUCATION

PROFESSOR GARD

It is the purpose of the department to familiarize the student with the historical and current ideas and conceptions of education. The courses are arranged to meet the professional needs of elementary teachers, secondary teachers, superintendents, and special teachers in drawing, music, domestic science, manual training, and agriculture. Courses *one*, *two*, and *eight* are especially designed for elementary teachers and the teachers of the special subjects; Courses *three*, and *four*, for secondary teachers; Courses *three*, *four*, *five*, *six*, and *seven* for superintendents and advanced students.

The department does not encourage students to remain with us for graduate study. Those, however, who elect such work in the department must do the work in actual residence. For a minor a student must complete six semester hours and for a major he must complete eighteen semester hours. No work *in absentia* will be accepted to satisfy the requirement.

1. PRINCIPLES OF EDUCATION—An elementary course which seeks to acquaint the student with the practical and scientific phases of teaching. The principles of teaching are based on the laws of genetic and dynamic psychology. The psychological factors in the process of learning and the science of the recitation receive careful consideration. Monday, Wednesday, Friday. Second semester. Open to students who have credit for one semester of psychology or an equivalent.

2. HISTORY OF ELEMENTARY EDUCATION—A brief course in which attention is given to the events in the history of education that throw light on the problems of the teacher in the elementary schools. Special attention is given to the work of

the reformers of the eighteenth and nineteenth centuries. Monday, Wednesday, Friday. First semester. Course repeated the second semester. Open to sophomores.

3. SCIENCE OF EDUCATION—(a) *Psychological and Biological Principles*. During the first semester the main and well-tested results of the scientific study of education from the psychological and biological points of view receive consideration. No attempt is made to give prescriptions and devices. The course is concerned with the fundamental principles of education. (b) *Social Principles of Education*. During the second semester an attempt is made to formulate the social concept of education. Attention is given to the social meaning of education and to the concrete application of the principles to present-day needs. Monday, Wednesday, Friday. Throughout the year. Open to juniors.

4. HISTORY OF EDUCATION—(a) *Ancient and Medieval*. During the first semester a study is made of the larger movements of educational thought during the ancient and medieval periods. Educational ideas, methods, and curricula are studied in their relation to social, cultural, and industrial changes. (b) *Modern Period*. During the second semester a study is made of the Reformation and its influence on education. Much attention is given to the social and industrial conditions of Europe which made necessary the great reform of Comenius, Pestalozzi, Herbart, Froebel, and Spencer. The fundamental recommendations of each of the reformers are carefully noted. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

5. MODERN SCHOOL SYSTEMS—(a) *Germany and France*. A study is made of the development and organization of primary and secondary education. Attention is given to the training of teachers and to the relation of the schools to the life of the people. Special attention is given to the provisions for industrial education. (b) *England and the United States*. The treatment is the same as in the first division of the course. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

6. PHILOSOPHY OF EDUCATION—An advanced course in the theory of education. An intensive study of the theories of Plato,

Aristotle, Comenius, Locke, Rousseau, Pestalozzi, Herbart, Froebel, Spencer and others will be made. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

NOTE—Courses *five* and *six* will alternate. In the academic year 1913-1914, Course *five* will be offered. Course *five* or *six* may be substituted for Course *four*.

7. SEMINAR IN EDUCATION—In this course an opportunity is given to study intensively some phase of education. In selecting the topic for investigation consideration is given to the needs of those electing the course. The topic for 1913-1914 will probably be experimental pedagogy. One hour a week. Throughout the year. Open to seniors.

8. INDUSTRIAL EDUCATION—A study of the historical development of industrial education, its justification from the standpoint of psychology and society, and its present status. The course is designed to acquaint the student with what is being done in this field and to point out its relation to the whole problem of education. Tuesday, Thursday, first semester. Open to sophomores. Required in the diploma courses in Agriculture, Domestic Science, and Manual Training.

Primary Methods, Observation and Teaching

MISS WAITE

THE PURPOSE of this department is to train teachers. We attempt to do this through instruction, observation, and practice.

It certainly does not follow that, because a man or woman is a good student, he or she must necessarily be a good teacher. The profession of teaching, like any other profession, must be studied. After the work in observation and theory, comes the opportunity of putting these into practice under the supervision of thoroughly trained teachers. Our Training School, consisting of about three hundred children, including all the Grammar as well as all of the Primary grades, a Principal, seven Critic Teachers, and five Special Teachers, furnishes ample opportunity for this practice. The Special Teachers teach Music, Drawing, Domestic Science, Manual Training and Nature Study.

PRIMARY METHODS AND OBSERVATION—Three times each week throughout one year the class is given a lesson in Primary Methods. At the close of each lesson, the class is taken to the Training School to see an application of these methods in a model lesson given by a Critic Teacher. Before going, the students are instructed as to what they should carefully observe, as we have no aimless observation in our Training School.

Special attention is given to the teaching of every subject in the Primary Grades, with suggestions as to good devices for drill work. The same may be said of the work in the Grammar Grades, under another department.

Attention is given to the writing of lesson plans, so that, at the close of the year's work, the student is ready to begin his teaching in the Training School.

TEACHING—As we learn to do by doing, the best way to learn to teach is by teaching under skilled supervision.

As each student is given a subject to teach in the Training School, he is held entirely responsible for the results of his work. No lesson, however, is ever taught, until a plan, submitted at least the day before the lesson, is either approved or corrected.

The student is allowed to specialize to some extent in his teaching. Although it is not thought best that he should do all of his practice teaching in one grade, he may do it all in either the Primary or Grammar grades, and at least two-thirds of his teaching may be done in the special grade of his own choosing.

All of the practice teaching is under the close supervision of the Critic Teacher of the grade, or a special teacher, and the Principal of the Training School.

PAIDODOGY AND PSYCHOLOGY

PROFESSOR CHRISMAN

ASSISTANT PROFESSOR BISHOP

HERMAN H. YOUNG *Assistant.*

THE PURPOSE of the work in Paidology, the science of the child, is to furnish a knowledge of child nature. It is intended to give to students what has been learned about children, to fix in them the habit of observation and study of children, and to

help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is proposed to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

IN BOTH PAIDODOGY AND PSYCHOLOGY facilities are afforded for laboratory and field work whereby much of the work is carried on by observation and experimental methods, so that not only is there opportunity given for learning the subject matter, but also for applying the work so as to give further power that will greatly aid in the mental growth.

The details of the work of this Department are given herewith. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

COURSES

PSYCHOLOGY (INTRODUCTORY)—The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. In the first semester the essentials of the subject matter will be gone over and in the second semester the subject will be taken up in a more comprehensive way. The textbooks used will be Pillsbury's *Essentials of Psychology* for the first semester and Angell's *Psychology* for second semester, with references to other texts. Throughout the year; recitations 8:30; Section I, Monday, Wednesday; Section II Tuesday Thursday; laboratory 3 hours per week (2500 min.), at hours as assigned. Three hours of collegiate credit each semester.

PAIDODOGY (INFANCY)—In this course will be taken up the first period of life after birth, a knowledge of which is so important for the better understanding of the periods following. There will be studied both the physiological life of the being at this time, including the diseases of infancy, the beginning of language, volition, motor ability, the rise and development of the senses, etc., and also the care and attention needed

by the infant as a basis for future growth. The references will be works on the diseases of infancy together with studies on growth and development, as, Preyer's *Development of the Intellect*, Preyer's *Senses and Will*, Shinn's *Notes on the Development of Child*, Griffith's *Care of the Baby*, and Forsyth's *Children in Health and Disease*. Second semester; recitations 9:30, Monday, Wednesday; laboratory and field work 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit.

3. PSYCHOLOGY (COMPARATIVE)—This course will consist of a study of the development of intelligence in animal life as going along with the development of the nervous system as presented through behavior. With the texts to be used will be found Washburn's *Animal Mind*, Yerkes's *Dancing Mouse*, Morgan's *Introduction to Comparative Psychology*, Jennings's *Lower Organism*, Watson's *Animal Education*, and Thorndike's *Animal Intelligence*. First semester; recitation 7:30, Tuesday, Thursday; laboratory and field work 3 hours per week (2500 min.) at hours as assigned. Three hours of collegiate credit.

4. PAIDODOLOGY (CHILDHOOD)—In this course the time of childhood is taken up, The general characteristics of this period, growth, disease, the senses, mental and physical development etc., are studied. Also observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in the course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, Sully's *Studies of Childhood*, and Warner's *Study of Children*. First semester; recitations 7:30, Monday, Wednesday; laboratory and field work 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit.

5. PSYCHOLOGY (GENETIC)—Under this course will be studied and compared the psychological development as shown by the child and the race. Among the topics to be considered will be the meaning of infancy, habits of growth and activity, physical development as related to mental development, and the

interests and impulses of the child and the race. Works relating to the mental development of the child and of the race, as, Baldwin's *Mental Development in the Child and in the Race*, Kirkpatrick's *Genetic Psychology*, Tracy's *Psychology of Childhood*, King's *Psychology of Child Development*, Fiske's *Meaning of Infancy*, with other psychological texts, will furnish the material for this course. Second semester; recitations 7:30, Monday, Wednesday; laboratory and field work 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit.

6. PAIDODOLOGY (ADOLESCENCE)—This includes the time of boygirlhood and youth. It is intended to give a knowledge of this so important time in the life of the young, directing attention to the remarkable growth and the changes that take place, taking up the characteristics of this period, with the mental and moral conditions that occur. Some of the magazines and books, used are the *Pedagogical Seminary*, *Psychological Clinic*, *Journal of Adolescence*, Gross's *Play of Man*, Claparede's *Experimental Pedagogy and Psychology of the Child*, Latimer's *Girl and Woman*, Hall's *Adolescence*, Starbuck's *Psychology of Religion* and Ellis's *Man and Woman*. Second semester; recitations, 7:30 Tuesday, Thursday; laboratory and field work 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit.

7. PSYCHOLOGY (EXPERIMENTAL)—A study will be made of the subject matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Titchener's *Textbook of Psychology*, Sanford's *Experimental Psychology*, and Myers' *Textbook of Experimental Psychology*, with references to other works on Psychology. Throughout the year; recitations 9:30, Tuesday, Thursday; laboratory 3 hours per week (2500 min.), at hours as assigned. Three hours of collegiate credit each semester.

8. PAIDODOLOGY (UNCIVILIZED AND HISTORICAL CHILD)—In this course will be studied the child as found among uncivilized, semi-civilized, and historical peoples. Some of the topics considered under the first subject are the relations of child and parent, care of children, deformation of children, games and plays and songs. Under the last heading is considered the child as found among the nations of ancient times, in Medieval Europe, and earlier United States. Comparisons are made in these studies with the child as found at present among civilized peoples. Such works are consulted as the *Smithsonian Reports*, Chamberlain's *Child and Children in Folkthought*, Bancroft's *Native Races of the Pacific States*, Kidd's *Savage Childhood*, Guhl and Koner's *Life of the Greeks and Romans*, Headland's *Chinese Boy and Girl*, Gray's *Children's Crusades*, and Earle's *Child Life in Colonial Days*. First semester; recitations 8:30, Tuesday, Thursday; laboratory and field work with children 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned, Three hours of collegiate credit.

9. PSYCHOLOGY (SOCIAL AND INDIVIDUAL)—This course will include a study of the individual in his own activities and as modified by groups of individuals as found in the crowd, the mob, the assembly, and other gatherings: social, religious, business, studying especially the influence of suggestion, imitation, and leadership. Among the works used in this course will be Eucken's *Problem of Human Life*, Ames's *Psychology of Religious Experience*, Ward's *Psychic Factors of Civilization*, Baldwin's *Individual and Society*, Lydston's *Diseases of Society and Degeneracy*, Le Bon's *The Crowd*, Fite's *Individualism*, and Scott's *Increasing Human Efficiency in Business*. First semester; recitations 10:30, Tuesday, Thursday; laboratory and field work 3 hours per week (2500 min.), at hours as assigned. Three hours of collegiate credit.

10. PAIDODOLOGY (ABNORMAL CHILD)—Defective children, delinquent children, dependent children, wildings, and exceptional children are studied under this heading, knowledge of the first four classes leading up to a better comprehension of exceptional children, who need so much to be studied and understood. Some of the works used are Wade's *Deaf-Blind*, Folks's *Care of Destitute, Neglected, and Delinquent Children*, Mor-

rierson's *Juvenile Offenders*, Riis's *Children of the Poor*, and Travis's *Young Malefactor*. Second semester; recitations 8:30 Tuesday, Thursday; visitations to institutions on Saturdays. Four hours of collegiate credit.

11. PSYCHOLOGY (ABNORMAL).—A study of mental disorders, as insanity and degeneracy, and of abnormal phenomena: as hallucinations, hypnoses, speech defects, etc. Clinics are held at the State Hospital for the Insane, located at this place. The students in this course in connection with those in abnormal Paidology have visited the State Institution for Feeble Minded, The State School for the Blind, The State School for the Deaf, and the State Hospital for the Insane, all located at Columbus; The State Hospital for Epileptics, at Gallipolis; The State Girls' Industrial Home, at Delaware; The State Boy's Industrial School, at Lancaster; The State Hospital for the Insane, and the Athens County Childrens' Home, both located at Athens; The Athens County Infirmary, at Chauncey; and the Juvenile Court of Franklin County, at Columbus. Such works are consulted as Störriug's *Mental Pathology in its Relation to Normal Psychology*, Janet's *Major Symptoms of Hysteria*, Church and Peterson's *Nervous and Mental Disorders*, Jastrow's *The Subconscious*, Ellis's *The World of Dreams*, and Tanner's *Studies in Spiritism*. Second semester; recitations 10:30 Tuesday, Thursday; clinics at the Athens State Hospital for the Insane at 3:00 on Fridays; visitations to institutions on Saturdays. Four hours of collegiate credit.

12. PAIDOLOGY (PRENATALITY).—This study will include the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. The works consulted are such as Minot's *Embryology*, Bateson's *Method and Scope of Genetics*, Davenport's *Race Improvement through Eugenics*, Heisler's *Textbook of Embryology*, Thompson's *Heredity*, Marshall's *Physiology of Reproduction*, and Kellieott's *Social Direction of Human Evolution*. First semester;

recitations 10:30, Monday, Wednesday; studies on children 3 hours per week (2500 min.), at hours as assigned. Three hours of collegiate credit.

13. PAIDOMETRY—In this course it is purposed to study the growth and physical development of children. Among the works consulted will be Rowe's *Physical Nature of the Child*, Hastings' *Manual of Physical Measurements of Boys and Girls*, Gulick and Ayre's *Medical Inspection of Schools*, Tyler's *Growth, and Education*, Whipple's *Manual of Mental and Physical Tests*, and Lovett's *Lateral Curvature of the Spine and Round Shoulders*. Second semester; recitations 10:30, Monday, Wednesday; laboratory 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit.

14. THESIS WORK—Students who may elect to work out their theses in this department must have had sufficient work in paidology and psychology to acquaint them with various phases of paidological and psychological phenomena, at least two years completed in the department by the close of the senior year, exclusive of the thesis. Also under the rules of the University, thesis work must be determined upon, and the head of the department in which the work is to be done consulted, before the opening of the first semester, and the work is to continue throughout the year. Those desiring thesis work in this department and who are ready for it will be given such subjects as may be suited to their acquirements and tastes. Throughout the year; 2 hours per week (4000 min.), at such hours as assigned. Three hours of collegiate credit.

DEPARTMENT OF MATHEMATICS

PROFESSOR MILLS

1. ARITHMETIC—The course in Arithmetic comprises the work of two semesters, but only the second semester is required of high school graduates unless it should appear that they are in special need of both. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills

in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's *Practical Arithmetic*, and the work in this book is completed to the subject of Partial Payments. Ray's *Higher Arithmetic* is the text-book for the second term's work. Much material is chosen from Mills' *Arithmetic Analysis*, and other widely used texts. The subjects especially emphasized in this semester's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention,

2. ALGEBRA—Wells's *Secondary Algebra* is the text for the first semester, and is completed through factoring. Fisher and Schwatt's *Higher Algebra* is the text for the second semester and is completed to Harmonical Progression.

3. PLANE GEOMETRY—Lyman's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

4. SOLID GEOMETRY—Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions in planes and solid angles, polyhedrons and the sphere, with a great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

5. DESCRIPTIVE ASTRONOMY—One semester's work is devoted to this subject. A text-book is used, but topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar

Constellations, the principle stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

NOTE—For the courses in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each semester.

SCHOOL ART AND ELEMENTARY MANUAL TRAINING

MISS BRISON, *Head of Department*

MISS WENRICK, *Instructor*

DRAWING AND ELEMENTARY MANUAL TRAINING have obtained their present place in public-school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Learning the appreciation of the good things in nature and art from an æsthetic point of view is a pleasure to the student and often results in practical value. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. The manual arts should be taught for the sake of the individual student; and his needs should form the basis of the course of study. Therefore these subjects should train the power of observation, bring one into closer touch with nature and various products of human activity, and help one to think and express himself clearly. Hence they serve to help to adapt one to his environment.

In the following courses the work and exercises will be given with this in view; that the student may not only learn how to do the work himself, but how it should be taught to children.

In drawing, pencil, charcoal, and colored crayons are used. It is thought best to have the student familiarize himself with all of these mediums, as their use varies in the different public schools.

FIRST SEMESTER

1. SCHOOL DRAWING—One hour. Freshman required. Object drawing, elementary applied design, and some mechanical drawing.

3. ELEMENTARY MANUAL TRAINING—Two hours. Required. A course in cardboard construction, knife work, clay modeling, weaving raffia and reed work planned for primary and intermediate grades, but suggestive for a course for higher grades is given in each semester.

4. BOOKBINDING—Two hours. Elective.

5. APPLIED DESIGN—One hour. Required in the Domestic Science course. This course presupposes the student to have had Courses 1 and 2.

SECOND SEMESTER

2. SCHOOL DRAWING—One hour. Freshman required. Theory of color, perspective, and methods of teaching drawing. Type problems for public schools will be worked out and provision made for observation in the Training School.

3. ELEMENTARY MANUAL TRAINING—Two hours required. Same as in first semester.

6. ART APPRECIATION—One hour. Elective. This course takes up art principles and applies them to pictures, interior decorations, architecture, etc.

NOTE—A class, taking up the same work as that given in Course 1 is offered during the last half of the second semester.

COURSES FOR DRAWING TEACHERS AND SUPERVISORS

Courses leading to a certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take work in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in Drawing and Elementary Manual Training in the Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching, therefore

he has to be an originator of courses as well as teacher. Hence it has been found necessary to require the student to take certain educational subjects or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to the students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

FIRST SEMESTER

7. DESIGN—Two hours. Required throughout a year. This course deals with pure and applied design, and presupposes the student to have had Courses 1 and 2.

9. COMPOSITION AND METHODS—Four hours. Required throughout a year. High-school, elementary, and grammar grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure and flower composition will be attempted. There will also be sketching from the model and blackboard work.

SECOND SEMESTER

8. DESIGN—Two hours. See Course 7.

10. COMPOSITION AND METHODS—Four hours. See Course 9.

FREE-HAND DRAWING—See courses in Drawing and Painting in the College of Liberal Arts.

MECHANICAL DRAWING—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College courses leading to a degree may take the drawing course as elective, obtaining a certificate in school drawing as well as a degree at the end of the four-year course.

DIPLOMA COURSES—Courses for supervisors and teachers in public-school drawing are outlined in detail in the statement of the various courses in the Normal College, on another page.

PUBLIC SCHOOL MUSIC

MISS LISTON, *Instructor*

THE AIM of this Department is two-fold. First—a general study of the rudiments of music, for grade teachers. This

work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of Music to be able to carry on the work intelligently under the direction of a Supervisor, or, if necessary, to give such instruction himself.

One year's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public-school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching.

All students completing this course will receive a Special Diploma. Sufficient time to earn this Diploma is given, and admission is based upon graduation from a high-school of the first grade or equivalent scholarship. Students entering without equivalent scholarship may take work in the Preparatory School.

For those without any knowledge of music, two years will be necessary to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department towards the completing of this Special Course.

1. NOTATION—Practice in rapid blackboard work in the writing of musical signs, and in a knowledge of their use.

2. SIGHT SINGING—Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression.

3. EAR TRAINING—Systematically graded exercise to quicken the musical hearing. Oral and written reproduction of melodies in all keys.

4. CHORUS—A series of practical lessons in the study of material suitable for use in High-School and Upper Grammar Grades. The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

5. **ADVANCED SIGHT SINGING**—A class for those who are to become Supervisors of Music. A study of the different music systems in common use, is taken up in this class.

6. **METHODS**—Principles of education as applied to the teaching of music. Course of study planned, for all grades from First Year through the High-School. Special study of the voice. Study of song material suited to the various years of school life. Rote Songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games.

7. **OBSERVATION AND TEACHING**—180 hours teaching and observation are required for this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisor. As soon as students are prepared they begin teaching in the Training Schools, and as they acquire skill in teaching music in all the grades under supervisions, they become experienced teachers of Public School Music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

ENGLISH LITERATURE AND COMPOSITION

PROFESSOR WILSON

PROFESSOR COULTRAP

MISS KALER

1. **COMPOSITION**—Teachers' course. Extensive practice in writing themes. A study will be made of Narration and Exposition. Methods of teaching composition will be emphasized. Two hours, first semester. Several sections.

2. **COMPOSITION**—Teachers' course. A continuation of Course 1. A study of Description, Argumentation, and the Short-Story. Two hours, second semester.

3. **LITERATURE FOR THE PRIMARY GRADES**—A study of representative myths, fables, folk-lore, fairy tales, and of two great epics. The purpose of the course is to deal with the source material from which most of the work in reading and in literature is drawn. Method work. Two hours, second semester. Course 1 must precede Course 3.

4. LITERATURE FOR THE GRAMMAR GRADES—A study of the folk-lore suitable for these grades. Much material is selected from the Arthurian and Nibelungen cycles. Selections in poetry and prose from English and American writers. Two hours, second semester. Course 1 must precede Course 4.

5. AMERICAN POETRY FROM 1811 TO 1890—This course is based upon the material given in Page's *The Chief American Poets*. Discussions and written work. Two hours, first semester. Course 1 must precede Course 5.

ENGLISH POETRY FROM 1798 TO 1896—This course will largely follow the poetry selected in Page's *British Poets of the Nineteenth Century*. Three hours, second semester. Course 1 must precede Course 6.

HIGH-SCHOOL METHODS IN ENGLISH—A consideration of the methods of teaching literature and composition. The "English requirements" will be taken as a basis for some of the work done. This course presupposes Courses 1, 2, 5, and 6, or an equivalent. Optional; required of all students making English their major. Two hours, first semester. Given in the summer term, 1913, and in the first semester, 1914.

8. THE PRE-SHAKESPERIAN DRAMA—A study of specimens of the mystery and miracle plays, interludes, and early forms of the drama. Library work; reports and discussions. Open to juniors and seniors. First semester, two hours. Elective.

9. ENGLISH DRAMA FROM 1550 TO 1650—A study of many of the minor Elizabethan dramatists and of some of the greater contemporaries of Shakespere. Library work; reports and discussions. Three hours, second semester. Open to juniors and seniors. Optional.

10. THE POETRY OF MILTON—In addition to a study of the poetry, there will be collateral reading assigned in Milton's prose and on questions of contemporaneous history. This course is given each alternate year. Elective. Open to juniors and seniors; two hours, first semester. Given in 1914.

11. THE LITERATURE OF THE BIBLE—A study of the literary forms of the Bible. A part of the work will take up Moulton's *Introduction to the Literary Study of the Bible*. First semester

two hours. Elective. Open to students who have had freshman English.

12. THE POETRY OF WORDSWORTH AND COLERIDGE—The work of this course will deal with the leading poetical productions of these men. Supplementary study of their prose. Second semester, two hours. Elective. Open to juniors and seniors

CIVIC BIOLOGY AND BOTANY

PROFESSOR WILLIAM A. MATHENY.

The work in this department is as follows:

FIRST SEMESTER

1. First Year Botany....(3)
2. Ecology.....(2)
3. Plant Pathology.....(2)
4. Civic Biology(Sec. 1)-(3)
5. Civic Biology(Sec. 2)-(3)

SECOND SEMESTER

6. First Year Botany.....(3)
7. Plant Histology.....(2)
8. Plant Pathology.....(2)
9. College Botany.....(3)
10. Civic Biology.....(3)

In all these studies the idea of civic and community welfare is placed foremost. The practical and human interest side of these sciences is strongly emphasized with the aim of best serving the needs of the teacher and of citizenship in general.

THE LABORATORY AND FIELD METHODS of study will be followed almost entirely. For this purpose ample apparatus and a school garden have been provided. Attention will be given to the planning and construction of simple apparatus whereby important natural laws can be demonstrated in an inexpensive manner.

1. FIRST YEAR BOTANY—This course will run throughout the year and is required in all courses. It will be a consideration of plants in their practical relation to every-day life, and will be especially adapted to the needs of teachers. In the Fall and Spring, work in the school garden will be required. *Practical Botany* by Bergen and Caldwell is the text. One recitation and two laboratory periods per week

2. ECOLOGY—A study of plants as they are related to their environment. *Ecology* by Coulter, Barnes and Cowles will be the text. Two hours.

3, 8. PLANT PATHOLOGY—Plant diseases as they affect farm crops, gardening, orchards, etc. will receive extended

attention in this course. *Fungus Diseases of Plants* by Duggar will be the text used. Two hours.

4, 5, 10. CIVIC BIOLOGY—This is a study devoted to the every-day problems presented to us by the living forces in nature. Modern Biology is rapidly extending its influence into all avenues of human activities and national life. This branch, Civic Biology, aims to reach the common schools and community life through the agency of the teacher. While evolution is not lost sight of in this work, it is by no means placed foremost, neither is it intended to train specialists. The course centers about the child, the home, and the state in their most common relations to living nature. Required in Normal College courses. Three hours.

7. PLANT HISTOLOGY—A laboratory course in the microscopic anatomy of plants. *Plant Histology* by Chamberlain will be used. Two hours.

9, 10. COLLEGE BOTANY—Plant Morphology and Physiology will be taken up in this course. It will be a study in plant evolution with special reference to the algae and the fungi. Required in the Agricultural Course and is optional with Zoology in the College of Liberal Arts. Three hours.

AGRICULTURE

PROFESSOR W. F. COPELAND

INSTRUCTOR O. E. DUNLAP

Summary of Courses in School Agriculture

Course.	Subject.	Semester.	Total	
			Year.	Credit.
1. General Agriculture.....		First or Second....	Fresh...	3
2. Horticulture.....		First.....	".....	3
2. Horticulture.....		Second	".....	2
3. Soils.....		First and Second..	Soph....	4
4. Forestry.....		First and Second...	Fresh...	4
5. Farm Animals		First.....	Soph....	3
6. Farm Crops.....		Second.....	Soph....	3
7. Evolution and Heredity....		First.....	Soph....	3
8. Rural Economics or Commercial Law.....		Second.....	Soph....	3

THE DEPARTMENT OF AGRICULTURE was established in June, 1911. Previous to that time instruction in agriculture was given in the Department of Elementary Science. Courses had been given for three years and the increasing demand for such work justified a new department. The primary purpose is to equip teachers for giving instruction in agriculture in the public schools. On account of present conditions it is necessary to modify this aim to some extent and give lessons regarding subject matter as well. The lessons are practical rather than detailed or scientific. The department is being equipped with modern apparatus whereby important lessons can be demonstrated. Provisions are made for enlarging this equipment as fast as is advisable for efficient work. In the laboratory, students are instructed in seed testing, soil studies, a study of plant life under laboratory conditions, farm plans, machines, and the use of the more common and practical pieces of agricultural apparatus. Such studies are planned for the winter season. During the summer season as far as possible lessons will be demonstrated in the field where plants and animals are living under ordinary conditions. The department has an excellent agricultural library.

Provisions is now made for a two-year course, at the completion of which students are granted a diploma in School Agriculture. A summary of this course is given above and a complete outline by semesters elsewhere in this catalogue.

COURSE I. GENERAL AGRICULTURE—This is a two-hour course during the first semester and a three-hour course during the second semester. Laboratory and recitation plan. For demonstration use is made of the common garden, field and orchard crops. Other features of the farm and farm-life will receive equal consideration. Credit, two hours for the first semester and three hours for the second.

COURSE II. HORTICULTURE—This is a three-hour course for the first semester and a two-hour course during the second semester. Total credit, four hours. The lectures, recitations and reports will aim to give a general view of the subject. During favorable weather the laboratory work will be done in the field.

COURSE III. SOILS—Soils will be studied both in the field and in the laboratory, chemically and physically. This is a laboratory course and will meet twice each week for two periods. Credit two hours per semester.

COURSE IV. FORESTRY—This course aims to give students a knowledge of forest conditions, their distribution, and the possibilities in tree planting. As far as possible this is done out in the field where the importance of trees can be considered as soil-makers, wind-breakers, and money-makers. Both the economic and æsthetic values will be considered. Emphasis is placed on the value of Forestry as a school study. This is a two-hour course consisting of two field lessons per week. It is offered the first and second semester of the sophomore year. Credit, two hours per semester.

COURSE V. FARM ANIMALS—This course is planned to give students a knowledge of the most important farm animals of the different types, and elementary lessons in feeding, balanced rations, and judging. As far as possible the animal studied will be examined by the student. One lecture and two field trips per week during the first semester. Credit, three semester hours.

COURSE VI. FARM CROPS—This course is offered during the second semester. Credit, three hours. Studies are made of field selection, crop rotation, seed selection, and artificial fertilizers. One lecture and two field lessons per week.

COURSE VII. EVOLUTION AND HEREDITY—This is the course formerly offered during the winter term. It is now scheduled for the first semester of the Sophomore year. The plan of the work is to consider a few of the prominent theories of Evolution or Heredity or both; especially those of interest to animal and plant breeders. This course presupposes some knowledge of botany and zoology. Three recitations per week during the first semester of the Sophomore year.

COURSE VIII. RURAL ECONOMICS—Students taking the two-year course in agriculture are allowed to substitute commercial law for Course VI. The aim of this study is to consider some of the important farm problems, such as wages, rent, labor, land, marketing, crops, and their related problems. Some time will be

devoted to the possibilities of the small farm, the large farm, intensive and extensive culture, and also to consider to what extent farm operations can be foretold and directed according to a farm plan. The class will meet for three recitations per week during the second semester of the Sophomore year.

RURAL TRAINING DEPARTMENT

PROFESSOR RICHESON, *Supervisor*

The work in this department is designed to meet the needs of the rural teacher.

1. RURAL SCHOOL DIDACTICS—A course in Rural School Didactics is given, in which are discussed the proper attitude of the teacher towards the profession, the proper training for teachers, the relation that the school and the home bear to each other, the means of securing the best results in the school-room, the correlation of subjects, the proper combination of classes, the methods and need of supervision, the consolidation of weak schools, and the best methods of instruction to be employed in the rural schools.

2. RURAL SCHOOL COURSE OF STUDY—Following the subject of methods as presented in the class in Rural School Didactics as shown above will be given a course in Rural School Course of Study in which a number of practical courses of study will be studied, together with a study of the Report of the Committee of Twelve. It will be the aim of this class to develop for itself a practical course of study, designed especially for use in the rural schools.

Classes in Rural School Didactics and in the Rural School Course of Study will be organized about the middle of the second semester to accommodate those coming in after the close of their schools.

This department has in operation a first-class model rural school in which the work as taught in the class-room is exemplified in actual work. This model school is so located that

it can be reached by those taking this course in a very few minutes.

Almost one-half of the 27,000 teachers employed in the public schools of Ohio are engaged in teaching rural schools or in small village schools where a close system of classification into grades by years is impossible. The State Normal College has made ample provision for the training of teachers for these schools and has recognized the essential differentiation in the functions and needs of such schools as compared with those of cities and the larger towns. The course for rural teachers makes ample provision for Observation and Practice in the Training School established for the special purpose of training rural teachers. In this Training School, divided into three rooms, are to be found the eight grades. Each room is presided over by a skilled teacher who is a graduate of the State Normal College and who has had several years of successful experience in teaching. Over these three critic teachers is an experienced supervisor who is also a graduate of the State Normal College, with the Bachelor's degree, and who teaches professional and academic subjects in the State Normal College.

THE TWO-YEAR COURSE provided for rural teachers does not require graduation from a four-year high school as a prerequisite for admission. However, no diploma under the Hawkins Law can be granted for the completion of this course. For this reason, provision will be made for graduates of four-year high school courses to take the regular two-year course in elementary education, in which the special courses in Rural Methods, Observations and Practice, and Rural School Course of Study will be substituted for courses in similar subjects required in that course. Then the graduate from the Rural School Course will be granted a diploma which will have the same value and receive the same recognition as a diploma issued on completion of the two-year course for elementary teachers. We strongly urge high-school graduates to take this course, for the rural schools of Ohio are very much in need of teachers who have received training equal to the training required of teachers for the towns and cities. Students who have completed the work of the first year of the course as outlined on another page, will be permitted and required to teach in the Rural Training School.

DEPARTMENT OF GEOGRAPHY

PROFESSOR RICHESON

THE COURSE in Physiography will be research work entirely. It will be the aim of this course to develop the subject in a logical manner, taking up such parts of Physical Geography as are essential to the study of Political and Commercial Geography, after which the topical method of developing these phases of the subject will be pursued. This work will also be devoted, in part, to the study of methods.

In Physical Geography, no efforts will be made to encourage the memorizing of the work, but no pains will be spared to develop the thought. In this course, besides the work of the regular text, there will be required research work, field trips, laboratory exercises, and drawings.

The Political Geography will be especially designed to meet the needs of those expecting to take the teachers' examinations. This work will be comprehensive, thorough, and of permanent value. More attention will be given to geographical and industrial development than to locative geography, although this phase of the subject will not be neglected.

A class in Political Geography will be organized about the middle of the second semester to accommodate teachers coming in after the close of their schools.

DEPARTMENT OF HISTORY AND GOVERNMENT

PROFESSOR THOMAS N. HOOVER

EVAN J. JONES, *Instructor*

FIRST SEMESTER

- 1a. American History, collegiate, 3 hours.
- 2a. Advanced American Government, collegiate, 2 hours.
- 3a. Constitutional History, collegiate, 2 hours.
- 4a. Government of England, collegiate, 2 hours.
- 5a. American Statesmen, collegiate, 2 hours.

SECOND SEMESTER

- 1b. American History, collegiate, 3 hours.
- 2b. Advanced American Government, collegiate, 2 hours.
- 3b. Constitutional Law, collegiate, 2 hours.
- 4b. Methods in History, collegiate, 2 hours.

DESCRIPTION OF THE COURSES—Courses 1a and 1b offer a thorough course in the history of our own country. The usual college method is used—lectures, reference work, papers, and term thesis. The guides to the courses will be the *Manual*, and the *Epoch* Series. These courses are open to all students in any department of the University excepting preparatory.

Courses 2a and 2b offer a thorough study of the actual workings of our government—National, State, and Local. The *Manual* and Hart's *Actual Government* will be used as guides.

Course 3a is a study of the making and the ratifying of the Federal Constitution. Sources are investigated and the students report on their topics investigated.

Course 3b is carried on by the text and case method. All the leading cases bearing on the subjects are abstracted. McClain's *Constitutional Law* is the guide.

Course 4a deals with the present actual Government of England—National, Local, and the Empire. Lowell's *Government of England* is used as a guide.

Course 4b is specially intended for those students who desire to teach history or government.

Course 3a and 4a, 3b and 4b may be given alternate years.

Course 5a is a study of the lives of the leading Americans.

1. HISTORY OF GREECE—Lectures, outside readings, and recitations. This course deals principally with the growth of Athenian democratic institutions in relation to and in comparison with our own modern institutions. The *Epoch* series and other standard works will be used. Mr. JONES. Three hours of college credit.

2. HISTORY OF ROME—A course dealing with the overthrow of monarchy, the struggle for political equality, the expansion of the republic, the rise and fall of the empire, and the introduction of Christianity. The arts, letters, and social

condition will be studied in their respective periods. Seignobos's *History of the Roman People* is the text. Three hours of college credit. Mr. JONES.

3. UNITED STATES HISTORY—A review course for teachers. Commences April 27. Intended to help those teaching or those preparing for a teachers' examination. Mr. JONES.

THE KINDERGARTEN SCHOOL OF THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY

CONSTANCE T. MCLEOD, *Principal*

KATE DOVER, *Instructor*

This school offers a training to young women who desire to prepare themselves for professional work as kindergarteners.

It gives opportunities also for those who do not intend to become teachers, but desire this course as a means of general culture or as an aid in following other lines of work.

The Kindergarten School is an integral part of the University, so that in addition to the training in Kindergarten education, students receive instruction in other departments of the institution. As a part of the regular work in the Kindergarten School, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work.

Second year students attend the meetings of the Kindergarten Mothers' Association which are held once a month and so gain an insight into the organization and conducting of such meetings.

The course offered is two years in length, and leads to the diploma in Kindergarten Education. This course is given in detail by terms on another page.

REQUIREMENTS FOR ADMISSION—Graduation from a first-class high-school or equivalent scholarship.

The course is as follows:

FIRST YEAR

First Semester—Mother Play, 1; Gifts, 2; Occupations, 1.

Second Semester—Mother Play, 2; Gifts, 1; Occupations, 1.

SECOND YEAR

First Semester—Mother Play, 2; Gifts, 2; Occupations, $\frac{1}{2}$; Program Construction, $\frac{1}{2}$.

Second Semester—Mother Play, 1; Stories, $\frac{1}{2}$; Education of Man, $\frac{1}{2}$; Program Construction, 1; Games, 1.

KINDERGARTEN THEORY AND ACTIVITIES—Under the head of Kindergarten Theory and Activities are included all those subjects which pertain especially to Kindergarten education.

FROEBEL'S *Mother Play*—A study of this work with reference to other writings of Froebel. Educational laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES—A study of typical stories and of the principles governing their selection, with practice in story telling.

GIFTS AND OCCUPATIONS—Theory and Practice in use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand work.

RHYTHM, SONGS, AND GAMES—A study of these with the principles underlying them.

OBSERVATION AND PRACTICE TEACHING—In the Kindergarten and also observation in the Primary School, both under supervision.

In connection with the observation and practice teaching in the Kindergarten a class is held one period a week for the discussion of the different parts of the daily work in the Kindergarten.

Observation in the Primary School and work in Primary Methods is limited to work done in the First and Second Grades.

In order to accommodate teachers who wish to gain an insight into Kindergarten theory and practice, a beginning class will be organized about the middle of the second semester if five or more students request it at that time.

DEPARTMENT OF HOME ECONOMICS.

ELIZABETH H. BOHN, *Principal*HELEN HOAG, *Instructor*BERTHA E. BUXTON, *Assistant*

DOMESTIC SCIENCE AND DOMESTIC ART are the various terms that are applied to the lines of work here grouped under *Home Economics*. The term is not satisfactory, but is used because it is the one often used and more generally understood to include the full range of subjects than the others. The scope of the subject matter here outlined covers the following points: Foods and their uses, cooking, general science, sewing, textiles, drawing and house decoration, home nursing and emergencies, household management and professional subjects.

THE DEPARTMENT OF HOME ECONOMICS is housed in Central Building on the second floor. When this course was opened a modern residence was purchased and fully equipped for carrying on the work that especially pertained to household problems. Two kitchens, a laboratory, pantry, ice room and dining room afford opportunity for practice in the preparation of various kinds of food.

The Domestic Art department occupies two rooms. One large and well lighted sewing room and adjoining this is a well equipped fitting room. The lecture and recitation rooms are equipped with various household appliances.

The course as outlined is designed to fit those pursuing it to teach this subject in the elementary and secondary schools. While it recognizes that a knowledge of the theory is essential to those who are preparing themselves for this work, it emphasizes also the practical side as very important. Practical work is given in cooking and sewing, sufficient to make the young woman skillful in her work and give her a good opportunity for instructing others.

This course is of a kind that it is practically necessary to begin the same at the opening of the first semester and continue it regularly throughout the two years. Certain subjects are elect-

ive but the entire course is compulsory for all who intend to specialize with a view to teaching the work.

REQUIREMENT—Graduation from high-school or fifteen units of preparatory work.

FEES—Fees to partially cover cost of materials are charged. See each course.

SEWING—Two consecutive hours twice a week throughout the course. Credit, two hours. Fee, \$1.50 each semester.

Sewing I—This course is offered the first semester. It includes the various stitches on canvas; hems and hemming; ruffles and bands; darning stockinet and cloth; patching, flannel work; buttonholes; sewing on of buttons, hooks and eyes; making of eyelets; seam, placket and gusset work; also models illustrating the use of embroideries and laces in white work. Machine models

Courses in sewing for elementary schools are considered and methods of presenting the work are discussed.

SEWING II—This course is offered the second semester. For those in the regular course, model sewing is a requirement. Students in other courses may elect this work. This course includes both hand and machine sewing. The practical work covers the designing and drafting of patterns, cutting and making of a four-piece set of undergarments—and the care and manipulation of machines and attachments, as hemmer, gauge, tucker and ruffer. Materials and trimmings suitable for undergarments, the comparative cost of each, and amounts necessary are considered.

SEWING III—Requirement, Sewing II. The purpose of this course is to teach the principles of dressmaking, the taking of accurate measurements, the use of a drafting system by which patterns are designed and made, the designing of ordinary garments, the choosing and economical cutting of materials. The aim also is to develop neatness, accuracy, and originality. The practical work consists in the making of a tailored waist, tailored cotton shirt, and wool dress.

SEWING IV—Requirement, Sewing III and IV. This course is a continuation of Sewing III. It includes the making of a woollen or silk waist, gingham dress and a thin fancy dress, illustrating different ways of using embroidery or lace. Both

drafted and purchased patterns are used. The beginning six weeks of the semester are given to art needlework. Darning, applique, cross-stitch, dots, eyelet and French embroidery are included in this course.

TEXTILES V—Two hours for the first twelve weeks of the second semester of the freshman year. Credit one hour. The purpose of this course is to give a practical understanding of the various textile fibers and processes of their manufacture that shall lead to judgment and taste in selections suited in wearing quality, adaptability, permanence of color, and harmony of design to the particular use for which they are intended.

COOKING VI—Two consecutive hours twice a week throughout the course. Credit, two hours. Fee, \$2.50 each semester. This course consists of practical work in the preparation, cooking; and serving of the following classes of foods—vegetables, cereals, fruits, starches, batters and doughs, beverages, soups, candies, meats. Special attention is given to the proper methods of work in the kitchen, to cleanliness, neatness, and accuracy of work.

COOKING VII—This course is a continuation of Course VI, and is planned to apply the principles developed in that course to problems more difficult in manipulation and more complex in combination of food materials.

COOKING VIII—Continuation of Cooking VI and VII. Practical work in canning and preserving, in cakes, pastries and preparation and serving of foods for the sick and convalescent. Special stress is laid on dainty and attractive service of foods prepared.

COOKING IX—Continuation of Cooking VI, VII and VIII. Practical work in salads, sandwiches and chafing dish cookery hot and cold desserts. Dishes of more complicated nature are taken up in this course. Special attention is given to planning menus and formal services. Practical work is given in serving of breakfasts, dinners or luncheons.

FOOD STUDY X—This is a two-hour course throughout the year. It includes the study of food principles, their source, composition and food value, also a brief study of digestion, digestive juices, and their action. Each food principal is studied as to composition, physical properties, influence on digestion, diges-

tion in the various digestive organs, absorption, circulation, excretion and storage. A complete and systematic study is made of the various food stuffs as to source, composition, structure, digestibility, food value, manufacture, cost and preparation. The course consists of lecture and reference work. Food Study runs parallel with Cooking VI and VII.

HOUSEHOLD MANAGEMENT XI—Three-hour course throughout the second semester. In this course are considered the problem of house administration with reference to structure, sanitation, furnishing, methods of cleaning; business management of the household, namely: division of income, household accounts including daily and weekly schedule, division of labor, domestic service, social, industrial and ethical relations of the home. Practical work is given in marketing, planning and serving of meals and general care of the house. Lectures on laundry work, cleansing of fabrics, removal of stains, etc., are given in this course. The laboratory work consists of practical laundry work according to methods presented in class. The equipping and care of the laundry are considered.

HOME NURSING XII—This is a two-hour course for the last six weeks of the second semester. The aim of this course is to teach the care of the sick in the home, to enable one to assist intelligently in the sick-room, and to handle emergencies in the house and elsewhere. It includes the location, care, furnishing and ventilation of the sick-room; the care of the patient, as to feeding, bathing and dressing; application of poultices and bandaging. Text—*Practical Nursing*, by Maxwell and Pope.

DIETETICS XIII—This is a two-hour course throughout the second semester. This course deals with the nutritive value, digestibility, and cost of various foods. Dietaries for persons of different ages, under different conditions, and engaged in various occupations are computed.

HISTORY AND ORGANIZATION OF DOMESTIC SCIENCE AND ART XIV—This is a one-hour course throughout the second semester. The origin and growth of domestic science and art, their place in the school curriculum, the correlation of domestic science and art work with other subjects taught in the public schools, the planning of a course of study and its adaptation to

conditions existing, equipment and cost, the presentation of the work, and methods of teaching are considered.

APPEAL TO TEACHERS—It is the aim of this Department to be of immediate service to teachers actually engaged in teaching. The law in Ohio requires a minimum school term of eight months. This brings the most schools to a close the last of April. The courses in Domestic Science and Art are so arranged that most of the work is given in half semesters of nine or ten weeks each. Teachers may therefore enter at the close of their school and find classes just organizing for the last quarter of 8 to 10 weeks. These classes in most cases will recite twice as often as classes organized at the beginning of the semester and will therefore be able to do a whole semester's work. Many first semester studies are also repeated at this time to accommodate students who desire to enter for the last quarter.

Needed Uniforms

The regulation dress is a plain, untrimmed, blue chambray, one-piece garment.

The skirts are plain gored; sleeves long or below the elbows with adjustable turned-back white cuffs and white standing or low collar, which may be detachable.

Three or four uniforms will be needed. The goods should be shrunk before using.

If students are not able to secure material desired, it may be had by sending to the Department. The material costs 12½ cents per yard.

Aprons are of *white* material, preferably white percale—a good grade of muslin may be used—made sleeveless, princess style. See Butterick patterns No. 5162 or 4941.

DEPARTMENT OF MANUAL TRAINING

G. E. McLAUGHLIN, *Instructor*

C. O. WILLIAMSON, *Assistant Instructor*

The interest and demand of the general public upon the public schools of to-day is that their product shall be better equipped for life work, whatever that may be, at the time they

leave the public school, and one of the best methods of solving this problem is for the schools to give more time and attention to Manual Training and Industrial Training.

A COURSE IN MANUAL TRAINING was established in the State Normal College in the fall of 1911 in compliance with the earnest demand for teachers of this subject from all parts of the state.

THE WORK IN MANUAL TRAINING is of such a nature that not only those who expect this subject but every teacher or student would find it not only profitable but a pleasure to do some work along this line.

THE SHOPS of the Manual Training department of the State Normal College, occupy two large rooms on the lower floor of Ewing Hall. The wood working room is 60 by 60 feet, well lighted and well suited for our needs. The equipment consists of 20 individual benches fitted with quick acting vises, and each with its necessary individual tools, so that it is rarely necessary for a pupil to leave his bench while class is in session. Also a large number of general tools in cases and wall racks; one 12-inch circular rip and cut-off saw; one 12-inch jointer with safety guard; one 30-inch grind stone. All driven from common counter shaft, which in turn is driven by a five horse-power motor. Ten, eleven by twenty-six inch speed lathes for wood turning driven by a five horse-power motor, shafting underneath lathes, thus eliminating dangers of belting.

One universal wood trimmer, miter saws, and sufficient wood clamps for glue work. Benches for hammered metal work and equipment. Cases for displaying finished work, and sufficient lockers for each student.

The metal working shop is a room 20 by 50 feet well lighted, and well suited for our needs. It contains the following machinery: five thirteen-inch engine lathes, one power hack saw, one twelve-inch force drill, emery grinder, drilling lathe, benches fitted with vises for filing and chipping, dies for pipe cutting and fitting. All machines are driven from counter shaft on floor which in turn is driven by a seven horse-power motor.

DESCRIPTION OF COURSES—The following is a brief outline of the nature of the major portion of the courses taught in this department.

1. ELEMENTARY WOOD WORK I—Two hours. Laboratory (4 hours). This work consists of the more simple processes of tool work, use of knife, try square, plane, saw and hammer, the soft woods being used. The models followed will be those generally used in the 6th and 7th grades.

2. ELEMENTARY WOOD WORK II—Two hours. Laboratory. A continuation of No. 1. The students will be expected to plan and outline their own models, and then work them out according to their drawings; in this way students will not only gain an idea of suitable problems for grade work but will have the models for future illustration.

3. BENCH WORK—Two hours. Laboratory four hours per week. This work includes the hard woods and the more difficult tool processes. All work will be from models, and will consist of small pieces, such as a clock case, filing box, double frame, book rack or candle stick holder; special attention being given to gluing, fitting, sanding and rubbing.

4. JOINERY—Two hours, laboratory four hours per week. *Elementary Wood Work*, by Selden, will be used as a laboratory guide. Work will consist in making the different joints both in soft and hard wood, special attention being given to neatness and accuracy. The latter part of the term will be given to the application of these joints.

5. WOOD FINISHING—Laboratory, three hours; class, one hour.

This course deals with the different processes of finishing woods, both the theory and the practice. The following methods are studied: stains, water, acid, and oils, fillers, whiting, plaster of paris and silex, shellac, wax finish, varnish, rubbing, sanding, polishing, refinishing, care of brushes, and containers for stains for varnishes.

6. WOOD TURNING—Laboratory, four hours per week. Exercises in turning given to familiarize the student with wood turning tools, and lathe operations. Each piece bringing a new tool manipulation. These exercises are applied in

the making of finished articles in hard wood. The course includes care of lathe and tools, turning between centers, straight taper, curves, beads, face plate and chuck turning, sand papering and polishing.

7. **PATTERN MAKING**—Laboratory, three hours; class, one hour. This course is designed to give a preliminary study of pattern making and foundry practice. A number of smaller patterns are made and finished ready for moulding. Special attention is given to shrinkage, finishing and core work.

8. **CABINET MAKING**—Laboratory, four hours. This course is open for those who have had Courses 2 and 3 or equivalent. The work consists of designing, making drawings and blue prints, different pieces of furniture, one of which must be of difficult construction. The student is expected to get out all stock using the shop equipment. *Elementary Cabinet Work* by Selden, will be used as a laboratory guide.

9. **MACHINE SHOP**—Three hours; laboratory, six hours per week. The work includes bench work, chipping and filing, lathe work, straight and taper turning, thread cutting, face plate work, chucking, inside turning, eccentric work, polishing, boring, drilling, shaper work, grinding of tools, and drills, care of lathes, belts and shafting.

10. **HISTORY AND ORGANIZATION OF MANUAL TRAINING**. Two hours. A study of the educational conditions that led to the Manual Training movement and its development. Part of the work is outside reading with written reports and part is lectures and open discussion of problems that arise in the organizing of the work.

11. **CONSTRUCTIVE DESIGN**—Two hours. The work consists in designing models suitable for grade and high-school work, special attention being given to proportion. Laying out tentative courses for school work and discussing problems that may arise in the carrying out of these courses.

12. **MANUAL TRAINING IN THE TRAINING SCHOOL**—Wood-work is required of the boys attending the seventh and eighth grades of the Normal College Training School. There will be two lessons a week of one hour each.

Teachers taking the Manual Training course have the special advantage of observing the work under a special instructor. Also during their second year they will be required to do practice teaching in wood work.

COURSE OF STUDY
OF THE
STATE NORMAL COLLEGE
OF
OHIO UNIVERSITY

COURSES LEADING TO DIPLOMAS AND DEGREES

IN THE FOLLOWING PAGES may be found an analytical statement of each course. The course for high-school teachers, principals, and superintendents requires 120 semester hours and leads to the degree of Bachelor of Science in Education. The one-year course for college graduates requires 30 semester hours in Education and leads to the degree of Bachelor of Science in Education. All the other courses with but one exception require from 60 to 66 semester hours and lead to special diplomas, which lead to state life certificates, as outlined on a previous page. The one exception is the course for the training of teachers for rural schools, which does not require 15 units of preparatory work for admission, as does each of the other courses.

A total of 10 semester hours in Observation and Teaching, or Didactics and Teaching, is required in each course. The figures following each study indicate the number of semester hours of credit given for each and these numbers usually correspond to the number of recitations of 60 minutes each given in the subject per week.

REQUIREMENTS FOR ADMISSION TO THE STATE
NORMAL COLLEGE

Students may be admitted on examination or on certificate from a recognized high-school. A graduate of a first-grade, or four-year, high-school, is usually able to enter without any con-

ditions. A graduate of a three-year high-school, is usually given 12 to 14 units; and a graduate from a two-year high-school, 8 to 10 units; as determined by the standard outlined below.

A unit is the equivalent of a course in any given secondary school subject pursued a school year covering not less than 120 hours of 60 minutes each. If the recitations are but 40 minutes in length, 180 recitations are required to make a unit. Usually a high-school subject pursued 32 weeks with five recitations per week is accepted as a unit, but the recitations should be 45 minutes in length. Two hours of laboratory work, manual training, or drawing are required for one hour of credit.

CANDIDATES FOR ADMISSION to the degree courses of the State Normal College must present credentials from high-school or examination covering fifteen units in recognized secondary subjects, as indicated below:

ENGLISH (select 3 units); Composition and Rhetoric, 2 units; Classics, 1; History of Literature, 1; English Grammar in the Senior Year, $\frac{1}{2}$.

HISTORY (select 1 unit); American History and Civics, 1; Ancient History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; Medieval History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; Modern History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; General History one year, 1 unit; English History, $\frac{1}{3}$, $\frac{1}{2}$, or 1.

MATHEMATICS (select 2 units); Algebra through quadratics, 1; Algebra completed, $\frac{1}{2}$; Plane Geometry, 1; Solid Geometry, $\frac{1}{2}$; Plane Trigonometry, $\frac{1}{2}$; Arithmetic following Algebra and Geometry, $\frac{1}{2}$.

FOREIGN LANGUAGES (select 4 in one language or in two); Latin, 2, 3, or 4; Greek, 2, 3, or 4; German, 2, 3, or 4; French, 2, 3, or 4; Spanish, 2, 3, or 4.

SCIENCE (select 1 unit); Physics, 1; Chemistry, 1; Physical Geography, $\frac{1}{2}$ or 1; Botany, $\frac{1}{2}$ or 1; Zoology, $\frac{1}{2}$ or 1; Physiology $\frac{1}{2}$; Agriculture, $\frac{1}{2}$ or 1; Domestic Science, $\frac{1}{2}$; Drawing, $\frac{1}{2}$; Manual Training, $\frac{1}{2}$; Commercial Geography, $\frac{1}{2}$. The above schedule names 11 required units; the remainder of 4 units to be selected by the student.

Other subjects are rated on amount and character of work done, as shown by certificate from the high-school. Students should write the Registrar for Application Blanks before entering.

FOREIGN LANGUAGE—If the student has had but four years of one foreign language or two years in each of two foreign languages, he must pursue a foreign language two years in college, but if he can present credits for five years in two foreign languages, he will be required to take but one year of a foreign language in the college course. Additional work in the foreign languages may be taken as electives. This requirement applies only to students pursuing the four-year or degree course.

SPECIAL STUDENTS—Students who desire to pursue special studies and are not candidates for a degree will be admitted on the following conditions:

Applicants over twenty-one years of age who can present credits for the common English branches, as well as such other branches as would qualify them to enter the classes they wish to enter, will be admitted with special ranking, but students admitted on such terms will be required to satisfy by examination all entrance requirements before being permitted to graduate from any diploma course.

SPECIAL PREPARATION FOR TEACHING IN HIGH SCHOOLS—There is a strong demand for high-school teachers, principals, and superintendents who have had special college training in one or two lines of work. To meet this demand the State Normal College has always discouraged scattering in the selection of electives and has always required of those preparing to become high-school teachers that they select not later than the Sophomore year, Science, Mathematics, English, Foreign Language or History, and do three years of college work in the subjects chosen. Therefore candidates for the degree of Bachelor of Science in Education shall have before graduation not less than 15 semester hours to their credit in one of the five lines named. The course also requires a total of 30 semester hours in Education. The remaining 82 semester hours may all be distributed among the groups of Mathematics, History, English, Foreign Languages, and Science. Students preparing to teach in the high-school are advised to carry two majors, although but one is required. Teachers who have done three years of college work in two related fields, such as History and English, or Mathematics and Science, have a much stronger call to a

good teaching position than those who have specialized in nothing, or in but one study.

In the Sophomore year one of the Sciences is required, the option to be made by the student, who selects from Agriculture, Biology, or Chemistry. If Biology is chosen it must be followed by one semester of Botany. If Agriculture or Chemistry is chosen, it must be carried through two semesters.

In the Junior year opportunity is offered for a year in Manual Training, or Domestic Science, or Agriculture, or Commercial Science for those preparing as special teachers in such subjects. Should the student not desire one of these special subjects a substitute will be assigned by the Dean of the College to suit the line of special preparation the student is making.

In the Senior year students who are preparing for positions as principals, supervisors, or superintendents will be required to take two semesters in School Administration, but students preparing to teach rather than to supervise will not be required to take this work in School Administration.

The great number of options governed by the restrictions above outlined enable students to pursue a large number of variations.

STANDING OF STUDENTS—The standing of a student in this course shall be designated by the members of the faculty who shall record on their class books and on the credit slips of students the following standard of proficiency: Grade A shall mean 95% or above; B shall mean 90 to 94 inclusive; C shall mean 80 to 89 inclusive; D shall mean 70 to 79 inclusive; E shall mean conditioned, and F shall mean failure. All students who have made no grade below C for the preceding semester may be allowed to carry 16 semester hours; students who have made no grade below B for the preceding semester may be allowed to carry 17 semester hours, and students who have made A in all studies for the preceding semester may be allowed to carry 18 semester hours. Whether a student shall be allowed to carry more than 15 semester hours shall be determined by the Committee on Classification and Registration.

DEGREE—Upon completion of the four-year course in the State Normal College, with all entrance conditions met as above outlined, the student will be granted the degree of

Bachelor of Science in Education. Students who complete all the required work in the four-year course in the State Normal College and the A. B. Course in the College of Liberal Arts of Ohio University, will be granted the A. B. degree by the College of Liberal Arts and the degree of Bachelor of Science in Education by the State Normal College.

Graduates from reputable literary colleges may complete an elective course in Education in one year of 30 semester hours and receive the degree of Bachelor of Science in Education. The course is outlined on another page.

Requirements for the Degree of Bachelor in the Science of Education

FRESHMAN YEAR

FIRST SEMESTER

Select one: Latin, 4; Greek, 4; German, 3; French, 3.....	3 or 4
College Algebra, 3; or Physics, 3; or American History.....	3
Civic Biology.....	3
Psychology.....	3
English Composition, Teachers' Course.....	2

SECOND SEMESTER

Continue one foreign language,	3 or 4
Trigonometry, 3; or Physics, 3; or American History.....	3
Civic Biology, 3; or Botany, 3; or Zoology.....	3
English Composition, Teachers' Course.....	2
Electives.....	4

SOPHOMORE YEAR

Agriculture, 4; or Biology, 3; or Chemistry.....	3
Ethics.....	3
Hygiene and Sanitation.....	2
American Poetry.....	2
Paidology.....	3
Electives.....	2

Agriculture, 4; or Chemistry, 3; or Botany.....	3
Sociology.....	2
English Poetry.....	3
Paidology.....	3
Electives.....	2

JUNIOR YEAR

Science of Education.....	3
Secondary Course of Study.....	2
Didactics.....	3
Commercial Science, 4; or Man- ual Training, 4; or Domestic Science, 4; or Agriculture, 3; 3 or 4	4
Electives.....	3

Science of Education.....	3
High School Methods.....	2
Psychology.....	3
Commercial Science, 4; or Do- mestic Science, 4; or Manual Training, 4; or Agriculture, 2; or Social Methods in Educa- tion.....	2 or 4
Electives.....	4

SENIOR YEAR

School Administration or an as- signed elective.....	3
History of Education.....	3
Teaching.....	3
Thesis.....	3
Electives.....	3

Supervision and Criticism or an assigned elective.....	2
History of Education.....	3
Teaching.....	3
Elizabethan Dramatists, 3; or Philosophy.....	2
Electives.....	5

EXPLANATION OF DEGREE COURSE—Each candidate for the degree from the State Normal College must have a credit of 120 semester hours. By taking 15 hours each semester a student can graduate in four years. Three summer sessions will enable a student to complete 30 semester hours if his work is supervised by the college faculty during the school years intervening; otherwise four summer sessions will be required to cover 30 semester hours.

Six years of foreign languages are required for graduation and if the student presents credits for but four years on entering, the two collegiate years in a foreign language will be required.

Apparently the course above outlined is nearly all required yet there are many opportunities for options, resulting in a great many variations in the course. In the Junior year students who expect to teach a special subject such as Agriculture, Domestic Science, Commercial Science, etc., will be required to take a year in the subject chosen, 6 to 8 semester hours. Students not choosing any of these will be assigned an option by the Dean of the College.

One Year Course for College Graduates

GRADUATES of reputable colleges granting a bachelor's degree on four years' work may elect 15 hours of work in education from the following subjects, with the consent of the Dean of the College. Completion of 30 semester hours in Education will entitle the holder of a college degree to receive from the State Normal College of Ohio University the degree of bachelor of Science in Education.

FIRST SEMESTER—Select 15 hours: Psychology, 3; Paidology, 3; School Administration, 3; Science of Education, 3; History of Education, 3; Secondary Course of Study, 2; Observation and Teaching, 5; Grammar Grade Methods, 3; Elementary Course of Study, 3; High-School Methods, 2; Methods of Teaching Special Subjects, 2; Thesis, 3.

SECOND SEMESTER—Select 15 hours: Science of Education, 3; History of Education, 3; High-School Methods, 3; Psychology, 3; Supervision and Criticism, 2; Teaching, 3; Paidology, 3; History of Elementary Education, 3.

COURSE FOR ELEMENTARY TEACHERS**FRESHMAN YEAR****FIRST SEMESTER**

Psychology.....	3
English Composition, Teachers' Course.....	2
Sanitation and Hygiene.....	2
American History.....	3
Public-School Music.....	1
Public-School Drawing.....	1
Advanced Grammar.....	2
Observation and Methods.....	3

SECOND SEMESTER

Principles of Education.....	3
Literature in the Grades.....	2
American History.....	3
Advanced Arithmetic.....	3
Public-School Music.....	1
Public-School Drawing.....	1
Observation and Methods.....	2
School Management and School Law.....	2

SOPHOMORE YEAR

Psychology.....	3
Elementary Course of Study....	2
Civic Biology.....	3
Teaching.....	2
Physiography.....	2
History of Elementary Education.....	3

Psychology.....	3
Sociology.....	2
English Poetry.....	3
Teaching.....	3
Elementary Agriculture, 3; or Domestic Science, 3; or Manual Training, 3; or Hand Work 2; or Social Methods in Education, 2.	

NOTES—This course requires a total of 66 semester hours of which 10 shall be in Observation and Teaching. Students who have had a satisfactory course in Drawing in the public schools will be held to but two hours each week for one year, while those who have had little or no instruction in Drawing prior to matriculation will be required to give four hours a week to this subject. Each group will receive the same credit, two semester hours. For further explanations of this course, see a succeeding page of this catalogue.

THE THIRD OR SPRING QUARTER—The second semester in each of the courses in the State Normal College is divided into half semesters, or quarters, in order to accommodate teachers who desire to enter late in April or early in May, or as soon as their schools close. Almost every study scheduled to be given in the second semester will be offered in two classes, the second class beginning about eight or nine weeks before the close of the semester and reciting twice as many times per week as the regular class. Each spring several of the regular first semester studies will also be offered at the time of the organization of the new classes, so that teachers may enter at that time even more advantageously than at the beginning of the Summer Quarter.

It will be noticed that in the second semester of the second year options are offered in vocational subjects. These subjects are now required in many schools and every teacher should be fully equipped in at least one of these subjects, but if the student for any good reason does not care to take work of this character,

some other study will be assigned by the Dean of the College. Students who desire one year or more than one full year's work in a vocational subject will be given the opportunity.

The maximum number of hours allowed in one semester is 17, not counting Physical Culture, which must be taken two semesters in any diploma course.

The requirements for admission to this course are the same as for admission to all other diploma and degree courses in the University, with the exception that the fifteen units required for freshman rank may be made up of any recognized secondary subjects. In other words, no foreign language is required for admission to the Normal College diploma courses. This statement applies to all courses in the State Normal College except the two degree courses. Any graduate from a recognized first grade high-school will be admitted to the Freshman class of any of these courses without examination, but should such a student desire to pursue the course leading to the degree of Bachelor of Science in Education, all the requirements for that course must be met.

DIPLOMA COURSE FOR SUPERVISORS OF PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	2
Elementary Manual Training...	2
Free-Hand Drawing	4
Electives	6

SECOND SEMESTER

School Management and School Law	2
Principles of Education	3
School Drawing	2
Free-Hand Drawing	2
Elementary Manual Training... or Domestic Science..	4

SOPHOMORE YEAR

Designing	2
Mechanical Drawing	2
Paidology	3
Elementary Course of Study	3
Observation and Methods	2
Electives	4

Designing	2
Mechanical Drawing	5
Free-Hand Drawing	2
Teaching and Observation	2
Electives	6

JUNIOR YEAR

Composition and Methods	4
Science of Education	3
History of Education	3
Teaching	2
Electives	5

Science of Education	3
Composition and Methods	4
History of Education	3
Teaching	4
Electives	3

NOTE—By taking all electives from the course in Elementary Education the student can complete that course and this one in Drawing in three years and receive both diplomas. Should the student prefer, all electives may be chosen from the course leading to the degree of Bachelor of Science in Education and obtain that degree in one year more.

DIPLOMA COURSE IN PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	1
Mechanical Drawing	2
Elementary Manual Training...	2
Free-Hand Drawing	4
School Sanitation and Hygiene..	2
Electives	3

SECOND SEMESTER

Principles of Education	3
School Drawing	1
Mechanical Drawing	2
School Management and School Law	2
Observation in Teaching	3
Free-Hand Drawing	2
Electives	3

SOPHOMORE YEAR

Composition and Methods	4
Designing	2
Elementary Course of Study	2
Paidology	3
Industrial Education	2
Teaching	2

Composition and Methods	4
Designing	2
Free-Hand Drawing	2
History of Industrial Education	2
Teaching	4
Manual Training or Domestic Science	2

DIPLOMA COURSE IN KINDERGARTEN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
Kindergarten Theory and Activities	4
Civic Biology	3
English Composition, N. C.	2
Observation and Methods	3
Sanitation and Hygiene	2

SECOND SEMESTER

Principles of Education	3
Civic Biology, 3; or Instrumental Music	1
Kindergarten Theory and Activities	4
School Management and School Law	2
Observation and Practice	3
Sociology	2

SOPHOMORE YEAR

Kindergarten Theory and Activities	5
School Music	2
School Drawing	1
Paidology	3
Teaching in Kindergarten	3
Handwork	2
Electives	2

Kindergarten Theory and Activities	4
School Music	2
Teaching in the Kindergarten ..	8
Primary Methods	2
History of Education	3

DIPLOMA COURSE IN MANUAL TRAINING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	1
Mechanical Drawing	2
Elementary Wood Work	2
Joinery	2
Sanitation and Hygiene	2
Observation and Methods	2
English Composition, Teachers' Course	2

SECOND SEMESTER

Principles of Education	3
School Drawing	1
Elementary Wood Work	2
Mechanical Drawing	2
Handwork	2
School Management and School Law	2
Observation and Methods	2
Bench work	2

SOPHOMORE YEAR

Cabinet Making	2
Design	2
Constructive Mechanical Drawing	2
Wood Finishing	2
Pattern Making	2
History and Organization of Manual Training	3
Teaching	3

Cabinet Making	2
Mechanical Drawing	2
Machine Shop	2
Wood Turning	2
Hammered Metal Work	2
Teaching	3
History of Industrial Education ..	2

DIPLOMA COURSE IN DOMESTIC SCIENCE**FRESHMAN YEAR****FIRST SEMESTER**

Psychology.....	3
Chemistry.....	3
Physiology and Sanitation.....	2
Food Study.....	2
Sewing I.....	2
Cooking I.....	2
Drawing.....	1
English Composition.....	2

SECOND SEMESTER

Principles of Education.....	3
Chemistry.....	3
Sewing II.....	2
Cooking II.....	2
Food Study.....	2
Textiles and Home Nursing.....	1
Drawing.....	3
Observation.....	3

SOPHOMORE YEAR

Primary Hand Work.....	2
Sewing III.....	2
Cooking III.....	2
Applied Design.....	1
Teaching.....	3
History of Industrial Education.....	2
Mechanical Drawing.....	2
Household Management.....	3
History and Organization of Domestic Science and Art.....	1

Elementary Agriculture (Home Gardening).....	3
Bacteriology.....	3
Sociology.....	2
School Management.....	2
Sewing IV.....	2
Cooking IV.....	2
Dietetics.....	2
Teaching.....	3

DIPLOMA COURSE IN PUBLIC-SCHOOL MUSIC**FRESHMAN YEAR****FIRST SEMESTER**

Voice.....	2
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Methods.....	2
History of Music.....	1
Psychology.....	3
Observation.....	2
Ear Training, ½ Semester.....	2
Chorus and Conducting, ½ Semester.....	2

SECOND SEMESTER

Voice.....	1
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Observation.....	2
History of Music.....	1
Psychology.....	3
School Management and School Law.....	2
Methods, ½ Semester.....	2
Advanced Sight Singing, ½ Semester.....	2

SOPHOMORE YEAR

Voice.....	2
Piano.....	1
Harmony.....	2
Advanced Sight Singing.....	2
Methods.....	2
Teaching.....	3
Elementary Course of Study.....	3

Voice.....	2
Piano.....	2
Methods.....	2
Teaching.....	3
Principles of Education.....	3
Advanced Sight Singing, ½ Semester.....	2
Chorus and Conducting, ½ Semester.....	2
Elective.....	2

DIPLOMA COURSE IN SCHOOL AGRICULTURE

FRESHMAN YEAR

FIRST SEMESTER

General Agriculture.....	2
Horticulture.....	3
Forestry.....	2
Civic Biology.....	3
Rural School Didactics.....	3
Domestic Science or Manual Training.....	2

SECOND SEMESTER

General Agriculture.....	3
Horticulture.....	2
Forestry.....	2
Civic Biology.....	3
Zoology or Botany.....	3
Principles of Education.....	3

SOPHOMORE YEAR

Soils.....	2	Soils.....	2
Chemistry.....	3	Chemistry.....	3
Evolution and Heredity.....	3	Rural Economics or Com'l Law.....	3
Farm Animals.....	2	Farm Crops.....	3
Botany.....	2	Botany.....	2
History of Industrial Education.....	2	Electives.....	4
Electives.....	2		

Electives to be made from the following subjects:

PROFESSIONAL STUDIES—School Administration and School Law, History of Education, Science of Education, Ethics, Secondary Course of Study, Psychology, Logic, Paidology, Supervision and Criticism, Sociology, Teaching.

OR—Agricultural Chemistry, Farm Accounts, Advanced Botany, Vertebrate Zoology, Physiography, Soils, Geology, Cement, Domestic Science, Manual Training.

NOTE—Students desiring to obtain the special state life certificate in Agriculture will need a total of 30 semester hours in professional subjects, which they may do by taking 12 hours additional to the course as outlined or by making substitutions in the course, subject to the approval of the Dean of the College and the head of this department.

RURAL SCHOOL COURSE FOR TEACHERS

FIRST YEAR

FIRST SEMESTER

United States History.....	3
Advanced Arithmetic and Methods.....	3
Physical Geography.....	3
American Literature.....	3
*Rural School Didactics.....	3
Electives	2

SECOND SEMESTER

United States History.....	3
Grammar.....	3
Political Geography.....	3
American Literature.....	3
Civil Government.....	3
Rural School Course of Study...	2

SECOND YEAR

Psychology	3
Civic Biology (Nature Study)...	3
English Literature.....	3
Composition and Rhetoric.....	3
Teaching.....	3
**Electives.....	2

Theory and Practice.....	3
Elementary Agriculture.....	3
English Literature.....	3
School Management and School Law.....	3
Teaching.....	3

*Courses in Rural School Didactics, Rural School Course of Study School Management and School Law will be organized at the middle of the second semester to accomodate teachers entering after the close of their schools.

**A great deal of latitude will be allowed students in electing branches to make up the required amount of work, and subjects can be selected from either the mathematics, science, history, or English departments. No student will be permitted to carry more than 17 semester hours. Each student taking this course should have at least one semester in Manual Training.

THE STATE PREPARATORY SCHOOL OF THE STATE NORMAL COLLEGE

FLETCHER S. COULTRAP, *Principal*

The aim of this school is primarily to prepare students to enter the Freshman class of the Ohio University, at Athens. This city is situated in a portion of Ohio having few cities and not a large number of first-grade high-schools. It would evidently be unfair to the youth of South-eastern Ohio if they were denied the opportunity to prepare to enter college. Since many of the most promising young men and young women come from the rural communities where there is only a second-grade or a third-grade high-school or perhaps no high-school at all, they find it necessary to go away from home to secure high-school education or to prepare for college.

Rather than go to a strange town to secure their high-school training and then go to still another town or city and be obliged to form new acquaintances in securing a college education, many of these young men and young women prefer to come to Athens where they may secure their preparatory training and their college education in the same school home.

Here the facilities for instruction in the preparatory studies are much better than many communities can afford. Again, many young men and young women do not receive the real awakening and the real desire for more education until they have passed beyond the usual high-school or adolescent age. Perhaps they have taught school for several years before they have been aroused by a re-birth, or perhaps they were compelled to teach a few years in order to make the money necessary to secure a college education. They soon find that they are really too old to attend the local high-school and would not find a hearty welcome there owing to differences due

to age and experience. They want to live and work with young men and young women of their own age and their own ideals. Hence, the necessity and the wisdom of maintaining a State Preparatory School in South-eastern Ohio.

It should be borne in mind, however, that the authorities of this University do not advise boys and girls who have high-school opportunities at home to leave such opportunities for the State Preparatory School. Young people under eighteen years of age should remain at home and profit by such advantages as may be offered in their own localities, unless there is no good high-school within reasonably convenient access. The State Preparatory School hopes to encourage young men and young women who feel too old to mingle with adolescents of the ordinary high-school age; and also to encourage thousands of teachers who began teaching before having completed a high-school course and now feel that they would be more or less humiliated to return to high-school. Thousands of these young men and young women should be saved to the teaching profession, and they must realize that in order to be of the most service to the state as teachers they must secure a college education, at least a two-year college course to fit them for work in the elementary schools.

The Principal of the State Preparatory School will be pleased to advise, personally or by correspondence, any young man or young woman who feels his or her handicap.

NORMAL COLLEGE PREPARATORY

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Composition and Rhetoric.....	5
Ancient History.....	4
Physiology and Hygiene.....	4

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	2
Modern History.....	4
School Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition...	4
Plane Geometry.....	5
American Classics.....	4
Botany.....	3
Roman History.....	4

Cæsar and Latin Composition...	4
Solid Geometry.....	3
English History or American Classics.....	4
Botany.....	3
Music.....	1
Drawing.....	2

THIRD YEAR

Cicero or German.....	4
Algebra, Completed.....	3
English Classics.....	4
Physics.....	4
Public-School Drawing.....	2
Mechanical Drawing.....	1
Elementary Joinery or Plain Sewing.....	2

Cicero or German.....	4
Physics.....	4
History of English Literature and Classics.....	4
Public-School Drawing.....	1
Mechanical Drawing or Public School Drawing.....	1
Problems in Furniture Making or Dressmaking.....	2

FOURTH YEAR

Virgil or German.....	4
United States History.....	5
Chemistry, 4; or Agriculture....	4
Orthography and Phonics.....	2
Physical Geography.....	5

Virgil or German.....	4
Advanced Arithmetic.....	3
Advanced English Grammar....	3
Civil Government.....	3
Chemistry, 3; or Agriculture....	3
Electives.....	4

CLASSICAL PREPARATORY COURSE

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Composition and Rhetoric.....	5
Physiology and Hygiene.....	4
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition...	4
Plane Geometry.....	5
American Classics.....	4
Ancient History.....	4
Drawing.....	1

Cæsar and Latin Composition...	4
Solid Geometry.....	3
History of American Literature and Classics.....	4
Modern History.....	4
Drawing.....	1
Music.....	1

THIRD YEAR

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab....	4
English Classics.....	4
Algebra, completed.....	3

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab....	4
History of English Literature and Classics.....	4
Orthography and Phonics.....	3

FOURTH YEAR

Virgil and Latin Prose.....	4
United States History.....	5
Beginning Greek.....	5
Physical Geography.....	5
Freehand Drawing.....	2

Virgil and Latin Prose.....	4
American Government.....	3
Beginning Greek, completed and Xenophon's Anabasis.....	5
Advanced Arithmetic.....	3
Freehand Drawing.....	3
Electives.....	2

SCIENTIFIC PREPARATORY COURSE

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Physiology and Hygiene.....	4
Composition and Rhetoric.....	5
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Prose.....	4
Ancient History.....	4
American Classics.....	4
Drawing.....	1
Plane Geometry.....	5
Elementary Cooking.....	

Cæsar and Latin Prose.....	4
Modern History.....	4
American Literature and Clas-	
sics.....	4
Drawing.....	1
Solid Geometry.....	3
Music.....	1
Elementary Cooking.....	

THIRD YEAR

Cicero and Latin Prose or Ger-	
man.....	4
Elementary Botany.....	3
Algebra, completed.....	3
Roman History.....	4
English Classics.....	4
Food Study.....	

Cicero and Latin Prose or Ger-	
man.....	4
Elementary Botany.....	3
Orthography and Phonics.....	3
Grecian History.....	4
History of Literature and Clas-	
sics.....	4
Household Management.....	

FOURTH YEAR

Virgil and Latin Prose or Ger-	
man.....	4
United States History.....	5
Physical Geography.....	5
Elementary Physics and Lab....	4
Freehand Drawing.....	2

Virgil and Latin Prose or Ger-	
man.....	4
American Government.....	3
Advanced Arithmetic.....	3
Elementary Physics and Lab....	4
Freehand Drawing.....	3
Advanced Grammar.....	3

NOTE—In this course, all or two years of the Latin may be substituted by an equivalent in French or German.

CANDIDATES FOR ADMISSION to this department must furnish satisfactory evidence of good character, and must give evidence of proficiency in all studies of the courses lower than those they wish to pursue. Students who expect to graduate from the State Normal College must give evidence that they are thoroughly familiar with the common-school branches.

There are three preparatory courses, each requiring four years for its completion, and each leading to a corresponding course in the University or in the State Normal College. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each semester.

COURSES OF STUDY IN DETAIL

LATIN

FIRST YEAR

Collar and Daniell's First Year Latin completed. Easy Latin Prose Composition based on the First Year Latin work. The aim of this year is a complete mastery of the First Year Latin.

Note—Classes in Beginning Latin are organized each semester.

SECOND YEAR

Cæsar's Commentaries and Latin Prose Composition. Much emphasis is placed on the Latin Prose that the students may become familiar with the more simple Latin constructions.

THIRD YEAR

Cicero's Orations. At least six Orations are read, including the four Orations against Catiline. Latin Prose Composition. A careful study of forms and syntax is an important part of this year's work.

FOURTH YEAR

Virgil's Aeneid, Books I-VI. Grammar reviews, scansion, and mythology. Latin Prose Composition.

GREEK

FIRST SEMESTER

White's First Greek Book with particular reference to inflections and sentence writing.

SECOND SEMESTER

White's First Greek Book and Xenophon's Anabasis. Grammatical reviews and translations into Greek of easy prose.

PREPARATORY ENGLISH

First Year

FIRST SEMESTER

Composition and Rhetoric. Elementary work in the theme, the paragraph, and the sentence.

SECOND SEMESTER

Composition and Rhetoric. Work in narration, description, exposition, and argumentation.

Second Year

FIRST SEMESTER

Classics from American Literature: Poe, Bryant, Webster, Franklin, Irving, Cooper, Washington, Thoreau, Emerson, Holmes, Whittier, Longfellow, Lowell Hawthorne, Burroughs, Aldrich. Short stories.

SECOND SEMESTER

History of American Literature, with collateral readings.

Third Year

FIRST SEMESTER

Classics from English Literature: Milton's Minor Poems, Pope's Rape of the Lock, Merchant of Venice, Julius Caesar, Hamlet, Macbeth, The Tempest, Selections from Goldsmith, Rasselas, Sheridan, Coleridge, Wordsworth, Burns, Carlyle, Macaulay, George Eliot, and Tennyson.

SECOND SEMESTER

History of American Literature, with collateral readings.

Fourth Year

A thorough review of the principles of English Grammar with a view to a mastery of this subject. Advanced English Grammar.

GERMAN**First Year**

FIRST SEMESTER

German Grammar complete. Study of forms and compositions. Conversation based on Newson's First German Book (the new edition of Alge's Leitfaden), in connection with Hoelzel's charts on the seasons. Reader begun.

SECOND SEMESTER

Some short modern stories, such as Storm's *Immensee* and composition based thereon. Conversation as in first semester. Schiller's *Der Neffe als Onkel* or some other short comedy.

This course is for students who offer no credit in German for entrance and begin the study of German. For students who have had one year of high-school work in German, the following work is offered preparatory to regular Freshman German: first and second semesters; Review of German, conversation based on Newson's German Course and those Hoelzel charts connected with it, and also on the other charts of this series and the appropriate pamphlets, as well as on the student magazine *Aus und Fern*. Reading of several modern stories and composition based on the text. Since this course is preeminently conversational and elementary, three recitations a week will be given for two hours of credit. It is known as *Conversational* or *Special Freshman German*, as collegiate credit will be given if the student is otherwise entitled to it.

FRENCH

Students taking the Scientific Course may substitute French and German for all or a part of Latin. As to the work in French and Spanish, consult the Department of French and Spanish in another part of the catalogue.

PHYSICS

FIRST AND SECOND SEMESTER

Recitations and Laboratory work, four hours per week. Graduates of first grade high-schools who have studied such texts as Carhart and Chute or Millikan and Gale will receive full credit for their class work. If in addition they present note books showing that at least forty experiments have been performed and carefully written up, they will receive full credit for the course without condition.

The first semester is devoted to Properties of Matter, Laws of Motion, Mechanics of Solids, Liquids, Gases, and Heat.

The second semester is devoted to Magnetism and Electricity, Sound, and Light. One of the above texts will be used in the class, and the manual of Atkinson and Evans as a laboratory guide.

PHYSICAL GEOGRAPHY

This subject is required in all the courses. A standard textbook is studied for one semester.

BOTANY

This course will be a study of plants in their practical relations to mankind. Much emphasis will be placed on field and garden work. Each student will prepare a herbarium, and will be required to attend to a small garden. *Practical Botany* by Bergen and Caldwell will be the text. Three hours per week throughout the year.

AMERICAN GOVERNMENT

A careful study of the actual workings of the government, national, state, and local.

James and Sanford's *Government in State and Nation* is used as the text.

U. S. HISTORY

Reference work is required each week. Some training in the use of sources is given. Frequent reports and papers are required. Careful note books must be kept.

GENERAL HISTORY

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the progress of civilization in its broader aspects. The method employed will be the textbook, references to more comprehensive works, essay-writing, map-drawing, and lectures by the instructor.

ARITHMETIC

This course in Arithmetic comprises two semesters. Accuracy and rapidity in performing the operations in the solutions of

problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions, including also a course in Mental Arithmetic. Ray's *Higher Arithmetic* is the text-book for the second semester. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. This is the teachers' class and forms of solution and methods of teaching receive special attention.

ALGEBRA

First semester Algebra will include all the fundamental operations of Algebra, factoring and its applications, and simple equations, to involution and evolution. Well's *Secondary Algebra* is the text-book used.

Second semester Algebra, will include a brief review of simple equations, indeterminate equations, inequalities, special method of elimination, symmetry, and quadratic equations to harmonical progression, using Fisher and Schwatt's *Higher Algebra* as the text-book.

GEOMETRY—PLANE AND SOLID

The work in Plane Geometry will run through the first semester. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statements are constant requirements, and much emphasis is given to the application of the principles of geometry to arithmetic.

Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions in planes and solid angles, polyhedrons, and the sphere, with a

great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

As in arithmetic, so in algebra and geometry, special emphasis is placed upon forms of solution and methods of teaching for the benefit of Normal College students taking work in teaching and observation.

DESCRIPTIVE ASTRONOMY

A two-hour course through one semester is devoted to this subject. A text-book is used, but the topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

NOTE—For the courses in Advanced Algebra, Trigonometry, and Surveying, and electives in mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic are offered each semester. Classes in Algebra and Geometry will be organized at the close of ninth week of the second semester to accommodate teachers entering after the close of their schools.

PHYSIOLOGY

The text-book is Hough and Sedwick's *The Human Mechanism*. The aim is to give a good general knowledge of anatomy and hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

DRAWING

Drawing is required in all courses. Three hours in the studio are considered equivalent to the recitation hour.

The work begins with Still-life in outline, then Still-life in light and shade, single objects and in groups. After this, perspective is taken up. The work is done in charcoal, but occasionally the pencil is used and also pen and ink by those who desire it.

Drills are given in time sketching and in memory sketching.

When the student can do this work satisfactorily, he may work in color or he may study from the cast; first, individual

features, then heads, then the figure. This can not be done in two semesters however unless the student has unusual ability, or puts in more than one hour a day.

When the students are able to draw from the living models they are permitted to do so. A great variety of work can be done as the student advances, such as studies in composition, posters with the figure for the principal motive, etc.

Courses in Mechanical Drawing and in Public-School Drawing are also offered for preparatory credit.

SUMMER SCHOOL OF OHIO UNIVERSITY, ATHENS, OHIO

For 1913 June 23-August 1.

For 1914 June 22-July 31.

GENERAL INFORMATION

ATTENDANCE—The Summer School of 1912 was attended by 1003 regular students from 79 different Ohio counties, and from other states and foreign countries. The pupils in the various training schools, and those attending the special lectures and conferences are not included in the 1003.

FACULTY—Note that all the instructors, with few exceptions, are regularly engaged in teaching in Ohio University. Those who enroll in the summer term are thus assured of the very best instruction the University has to offer. In the quality and methods of instruction the Summer School ranks with the regular work of the college year.

COURSES OF STUDY—In arranging the courses of study for the Summer School of 1913, the various needs of *all classes of teachers* and those preparing to teach have been carefully considered and fully provided for. Those who are not teachers will also find ample provision for their needs. The variety of courses offered is so great that the Summer School will contain men and women of mature years as well as high-school students who are taking preparatory work. Everybody who wishes to prepare for better living and better service will find opportunity for profitable study.

The wise Summer School student, instead of making the common mistake of reviewing familiar elementary subjects, will select advanced work. All who are prepared to enter upon one of the courses of the College of Liberal Arts or State Normal College should do so.

RANGE OF STUDIES—By turning to the *Schedule of Recitations* and to the list of the *Faculty*, as given in the Bulletin, it will be observed that the range of studies offered is so extensive as to meet the needs of all who desire further preparatory, collegiate, or pedagogical instruction.

PRIVATE LESSONS—Arrangements may be made by students attending the Summer School for private lessons in Latin, Higher Mathematics, Physical Education, and in Music. For terms in music see elsewhere. With the exception of music, the cost of private instruction will not exceed \$7.50 for the full term of six weeks, or \$0.75 for each lesson. Inasmuch as the work offered in the regular classes of the Summer School covers so wide a range of subjects, it will be, in most cases, a matter of election on the part of students if they take private instead of class work.

REVIEWS—Ample provision has been made for the needs of young teachers, and those preparing for examinations, by means of *thorough reviews* in all the studies required in city, county and state examinations. Students preparing to teach, or preparing for any advanced examination, will find excellent opportunities at Athens.

SPRING REVIEWS—The second semester of Ohio University will open Monday, February 3, 1913, and close Thursday, June 19, 1913. On Monday, April 28, 1913, *new review classes* will be formed as following: Arithmetic, Grammar, Geography, United State History, English Literature, General History, Physiology, Physics, Botany, Manual Training, School Agriculture, Domestic Science, and Theory and Practice of Teaching.

These classes can be entered to advantage any time prior to May 26, 1913. Only a *just portion* of the usual semester fee of \$9.00 will be charged students who enter at the time of the forming of these special classes or later. If demand is sufficiently strong, review classes *may* be formed in Plane Geometry, Elementary Algebra, Elementary Chemistry, Latin, German, and some other subjects. However, *none of this work is promised*.

PRIMARY TEACHERS—Special attention is called to the fact that the Training School, or Model School, will be in session during the Summer term. In this school emphasis is placed upon the training of primary teachers. Village and City teachers will

find this course *especially* valuable. *Every teacher* of the graded schools will have an opportunity to receive instruction in the best methods of teaching as applied to primary or grammar grades.

THE RURAL TRAINING SCHOOL is also in session during the summer term and all teachers taking training for positions in rural schools will have opportunity to observe a very fine type of teaching in the Rural Training School. Three members of the Normal College faculty give their entire time to this rural school work.

LIBRARY, ETC.—The museums, art studios, library, and gymnasium of the University will be accessible to students *free of charge*. Within the last few years thousands of dollars' worth of books on Education have been added to this Library, until now the State Normal College has one of the best pedagogical libraries in this country.

TEXT-BOOKS—All text-books will be supplied at the *lowest price* possible. Students should bring with them as many supplementary texts as convenient.

EXPENSES—No tuition will be charged. The registration fee of \$3.00 will entitle students to all the privileges of the University, save special instruction in private classes. All students taking laboratory courses in Physics, Chemistry, Biology, Agriculture, or Psychology, will pay a fee of \$1.00 for each course, payable to the Registrar at time of registration.

In no case will this registration fee, or any part of it, be returned to the student after it has been paid to the Registrar.

Boarding in clubs, per week, costs \$2.75 to \$3.00; in restaurants the usual rate is \$3.50; in Boyd Hall and Women's Hall, \$2.75. A student may attend the summer school six weeks and pay all expenses, except railroad fare, on from \$27.00 to \$33.00. By observing the strictest economy, less than this would be required.

AMPLE ACCOMMODATION—No school town can offer better accommodations at more reasonable prices than Athens. Nicely furnished rooms in private houses, *convenient to the University* may be rented for \$1.00 a week including light, bedding, fuel towels, and everything needed by the roomer. This rate is given where two students occupy the same room. If occupied by one student, such rooms usually rent for \$1.50 a week. It is safe

to say that four-fifths of the rooms rented to students are rented at \$1.00 each per week.

WOMEN'S HALL AND BOYD HALL—These two buildings will accommodate about 180 women students. They are owned by the University and the rooms are of good size and well furnished.

Students securing quarters here will pay from \$3.75 to \$4.00 per week for board and lodging, everything furnished save soap and towels. Students wishing rooms in the buildings should engage them in advance. Such rooms will be in demand.

It is required that every student occupying a room in either of these buildings pay the weekly charge *for the whole term*.

Write to Miss Willanna M. Riggs, Dean of Boyd Hall, or Mrs. Bertha T. Dowd, Dean of Women's Hall. Students who do not wish to engage rooms in advance will experience no trouble in getting *promptly located*. Fifteen hundred students can find desirable accommodations in Athens.

ATHENS—Located on a hill and surrounded by many beautiful wooded hills, Athens is one of the most sanitary and attractive of the smaller cities of Ohio. The water is pure, the streets paved, the homes attractive, and the residents intelligent, progressive, and friendly. There are no saloons in Athens.

HOW TO REACH ATHENS—Athens is on the main line of the following railroads: Baltimore and Ohio Southwestern; Hocking Valley, and Ohio Central lines.

By leaving home at any point in Ohio, Athens can be reached on the same day. There are three trains daily from Parkersburg, six from Toledo, six from Columbus, seven from Corning, and seven from Middleport. The schedule below indicates the ease by which you can reach the Ohio University Summer School:

Leave:	Arrive at Athens	
Toledo.....	10:40.....	5:55
Columbus.....	3:00.....	5:55
Cincinnati.....	12:15.....	4:52
Portsmouth.....	2:00.....	5:30
Marietta.....	12:08.....	3:30
Bellaire.....	11:25.....	3:14
Zanesville.....	12:50.....	3:14
Cambridge.....	11:59.....	3:14

Steubenville.....	9:40.....	3:14
Youngstown	11:05.....	5:55
Marion	1:19.....	5:55
Canton	10:59.....	5:55
Ashtabula	9:20.....	5:55
Cleveland	11:35.....	5:55
Elyria	10:41.....	5:55
Bucyrus	9:50.....	3:14
Mansfield	10:14.....	3:14
Dayton	1:27.....	5:55
Springfield	1:57.....	5:55
Lima	1:27.....	9:00
East Liverpool.....	9:08..	5:55
Coshocton.....	11:54	5:55
Newark.....	7:55.....	11:20
Van Wert	11:48.....	9:00
Sandusky.....	8:05.....	3:14
Akron	10:15.....	5:55

IMPORTANT—On reaching Athens, unless the student has made definite arrangements concerning a lodging place, he should at once report to the *Information Bureau* on the first floor of Ewing Hall.

REQUEST FOR NAMES—Superintendents and teachers are requested to send to the President of the University the names and addresses of teachers and others who would likely be *interested* in some line of work presented at Ohio University. The Ohio University Bulletin is sent free and regularly to all persons who desire to have their names enrolled on the mailing list.

SUMMER SCHOOL ADVANTAGES—Besides having an opportunity to pursue systematically *almost any study desired*, under the directions of those regularly employed in this work, the student of the Summer School enjoys the advantages of the acquaintance, friendship, and counsel of many prominent superintendents, examiners, principals, and others who are always on the lookout for progressive, well-qualified teachers. Hundreds of wide-awake teachers find more lucrative and more desirable positions through attendance at the Summer Schools.

A TEACHERS BUREAU—During the Summer School of 1913 Professor C. L. Martzoff, Alumni Secretary of the University, will conduct, *free of charge*, a bureau for teachers. Superintendents who desire capable teachers, whether for the high-school or the grades, will gladly be assisted by the bureau. Last year under the directions of Dean H. G. Williams the bureau secured positions aggregating many thousands of dollars.

CONCLUSION—In recent years thousands of people have learned to know something of the broad scope of the work undertaken by the Ohio University and State Normal College at Athens. By coming to the brief session of the Summer School hundreds of young men and women have received an awakening which has disclosed to them a new world of opportunity and service. All of the advantages of the Summer School of 1913 are at *your* service.

For further information concerning the session of 1913, write to Edwin W. Chubb, Dean of the College of Liberal Arts, Athens, O.

For latest catalogue, handsome Souvenir Bulletin, or special information, address

ALSTON ELLIS,
President of Ohio University, Athens, O.

GENERAL REMARKS

It is of importance that all students and prospective students read with care the statements set forth below. They convey information that will save much trouble, and no little confusion, if they are understood and heeded.

Note that, with few exceptions, the Faculty of the Summer School is made up of Professors and Instructors regularly connected with OHIO UNIVERSITY and THE STATE NORMAL COLLEGE.

A student will be permitted to take three collegiate subjects, in case the total of hours of credit does not amount to more than six. One hundred and twenty hours are required to graduate from one of the four year courses of Ohio University. The six hours is a little more in credit value than the 120 under the old system used in previous Summer Schools of Ohio University.

In no case will more than six semester hours of college credit be given to any student for work done in the SUMMER SCHOOL.

NOTE: Unless otherwise designated each course is a college credit course for which two hours of credit are given.

It is not advisable for a student seeking college recognition to undertake more than sufficient to round out the required hours of credit. When subjects selected by a student foot up more than the prescribed hours of credit, they may be taken, subject to the approval of the Committee on Classification, but the total hours of credit will in no case be permitted to exceed the limit of six hours.

Students taking work for which no college credit is asked will be permitted much freedom in the choice of studies. All such, however, are strongly advised *not to attempt too much*. In most branches of study double work is done, and students should bear that fact in mind in selecting their work. In but few cases can students take with profit *more than three recitations daily—even this chiefly where review work is selected*.

It will be seen that full provision has been made for more than 150 recitations daily, not to mention the daily laboratory practice connected with the scientific studies, the daily teaching in the ten training schools, and the facilities for reading and investigation afforded within the hours when the University Library is open.

LECTURES AND ENTERTAINMENTS

THE BEN GREET PLAYERS—This famous organization will present two out-door performances of Shaksperian plays on the afternoon and evening of Tuesday, July 15. The company will include Ben Greet himself and twenty other experienced players. As this is probably the highest priced attraction ever presented at any Summer School in the state, an admission fee of \$1.00 for one performance, or \$1.50 for the two, will have to be charged.

FREE LECTURES—There will be numerous free lectures by speakers of reputation and ability. For the list and special lectures on Agriculture, see elsewhere.

Other lectures will be given by:

Hon. Frank W. Miller,

State Commissioner of Common Schools.

Hon. A. P. Sandles,

Secretary State Department of Agriculture,
Columbus, Ohio.

Principal Pliny A. Johnson,

Woodward High School,
Cincinnati, Ohio.

Hon. O. T. Corson,

Editor of the Ohio Educational Monthly,
Columbus, Ohio.

Prof. F. B. Pearson,

High School Visitor, O. S. U.
Columbus, Ohio.

James Ball Naylor, M. D.,

Malta, Ohio.

FACULTY LECTURES AND SONG RECITALS—On each Tuesday and Thursday evening there will be a special lecture from 7 to 8 o'clock in Music Hall by a member of the Faculty. The lecture will be brief and close promptly at eight. On each Wednesday evening during the same hour Professor McVey, Director of the College of Music, will conduct a song Recital in Music Hall, or lead in out-door singing of college and other popular songs in front of the Central Building, the oldest college building in Ohio. The dates and lectures follow:

June 24, Tuesday.....	President Alston Ellis
June 25, Wednesday.	Song Recital
June 26, Thursday....	Professor F. Treudley
July 1, Tuesday.....	Professor C. N. Mackinnon
July 2, Wednesday.....	Song Recital
July 3, Thursday.....	Professor A. A. Atkinson
July 8, Tuesday.....	Dean E. W. Chubb
July 9, Wednesday.....	Song Recital
July 10, Thursday.....	Professor C. M. Copeland
July 15, Tuesday.. (No lecture, owing to the Ben Greet Players)	
July 16, Wednesday.....	Song Recital
July 17, Thursday.....	Professor C. L. Martzloff
July 22, Tuesday.....	Professor F. C. Landsittel

July 23, Wednesday.....	Song Recital
July 24, Thursday	Professor H. W. Elson
July 29, Tuesday.....	Professor W. F. Mercer
July 30, Wednesday.....	Song Recital

CONFERENCE

FOR SUPERINTENDENTS AND OTHER ADMINISTRATORS—During the fifth week of the session, beginning Monday, July 21, a series of Conferences will be held daily at 3:10. Prominent School and College men will conduct these conferences, and those advanced students who take School Administration daily throughout the term, or Secondary Course of Study will be required to attend these Conferences for five days and take notes on the same.

SCHEDULE OF RECITATIONS

Of the Summer School of Ohio University—June 23 to
August 1, 1913.

(Note the alphabetic arrangement; also that unless otherwise indicated all courses are collegiate, receiving a credit of two semester hours)

7:00 A. M.

Agriculture, General—Course I.
Arithmetic, with methods—Sec. I.
Arithmetic, Milne's Practical—Sec. I.
Botany, College.
Chemistry, Quantitative Analysis.
Cooking, First semester.
Didactics, Secondary.
Education, History of.
English, Freshman Composition (Normal College.)
German I, Preparatory.
History, General, Sec. I. Preparatory.
Paidology, Childhood.
Physics, First semester, Preparatory.

School Management, Sec. I.

Vergil.

7:50 A. M.

Algebra, First, Preparatory.

Chemistry, First.

Course of Study, Elementary.

Didactics, Rural School, (Observation and Methods.)

Education, History of, Elementary.

English—

History of English Literature, Sec. I. Preparatory.

Shakspere.

Food Study.

French, Beginning.

History, American, First semester.

Horticulture.

Latin, Second semester, Preparatory.

Music—Theory and Sight Reading, Beginners' Class, Sec. I.

1 hour credit.

Physics, Freshman,

Psychology, Introductory.

School Administration.

Teaching.

Typewriting, Advanced.

Wood Work, Elementary.

Chapel 8:40 to 9:00 A. M.

9:00 A. M.

Accounting, First half.

Algebra, Third, Preparatory.

Algebra, Second, Preparatory.

Biology, Civic, Sec. I.

Cabinet Making.

Course of Study, Rural School.

Drawing in the Training School.

English—

Freshman Composition (Liberal Arts).

Advanced Grammar and Methods.—Sec. I.

Entomology (Advanced Nature Study).

Forestry.

German II. Preparatory.

History—

The British Empire.

English History.

United States History, Review, Preparatory.

Latin—

Cæsar, Preparatory.

Methods of Teaching Latin.

Music in the Training School.

Paidology, Boygirlhood.

Physics, Elementary, Laboratory, Preparatory.

Sociology.

Teaching.

9:50 A. M.

Accounting, Advanced.

Botany, Elementary, Preparatory.

Cicero de Senectute et de Amicitia, Freshman.

Course of Study, Secondary.

Drawing, Public School, first semester, Sec. I. 1 hour credit.

Education, Science of.

Economics.

Farm Animals.

Geography, Methods of Teaching.

Geometry, Plane, Preparatory.

German III.

Grammar, Review in, Sec. II, Preparatory.

History, General, Sec. II, Preparatory

Household Management,

Music in the Training School.

Penmanship (no credit.)

Physical Education (Gymnasium) Sec. I.

Physics, Elementary, Laboratory.

Physiology, High-School, Preparatory.

Primary Methods and Observation (8 times a week, 5 in A. M.,
and 3 in P. M.)

Psychology, Experimental.

Teaching in Training Schools.

10:40 A. M.

Agriculture, Elements of.
Biology, Civic, Sec. II.
Chemistry, Qualitative Analysis, first semester.
Cicero's Orations.
English—
 American Literature, General Survey, Preparatory.
 English Poetry.
French, Advanced.
Geography, Physical, Preparatory.
Geometry, Solid, Preparatory.
History, American, Sec. II.
Manual Training, Elementary.
Music—Choral Class, credit 1 hour.
Paidology, Exceptional Child.
Penmanship (no credit).
Physics, Elementary, Laboratory, Preparatory
School Management, Sec. II.
Typewriting, Beginning.

1:30 P. M.

Agriculture, General, Course 2.
Commercial Law.
Drawing, Public School, first semester, Sec. II.
 Credit 1 hour.
Education, Principles of.
English—
 History of English Literature, Sec. II. Preparatory.
 Advanced Grammar with Methods. Sec. II.
 Tennyson and Browning.
High-School Methods.
History, Methods in Teaching.
Hygiene and Sanitation.
Latin, Beginning, Preparatory.
Manual Training, History and Organization of.
Model Sewing.
Music Methods of Teaching in Public School.
Physical Education (Gymnasium) Sec. II.

Physics, second semester, Preparatory.
 Plane Trigonometry.
 Primary Methods.
 Psychological Laboratory.
 Rural School Supervision.
 Spanish, Beginning.
 Stenography, Beginning.

2:20 P. M.

Bacteria in Relation to Home and Country Life.
 Chemical Laboratory.
 Civics, Advanced.
 Drawing, Public School, second semester, 1 hour credit.
 Education, Philosophy of.
 English—
 Byron, Keats, and Shelley.
 High-School Methods in Teaching English.
 Review in Grammar, Sec. I, Preparatory.
 German, Advanced.
 Grammar Grade Methods.
 Mathematics—
 College Algebra.
 Arithmetic with Methods, Sec. II.
 Milne's Arithmetic. Sec. II.
 Music—Theory and Sight Reading, Beginners' Class, II.
 1 hour credit.
 Physics, Freshman, Laboratory.
 Physiography (Advanced Geography).
 Psychological Laboratory.
 Rural Economics.
 Sewing, Plain.
 Stenography, Advanced.

3:10 P. M.

Arithmetic in Grammar Grades, Methods of teaching.
 Art Needle Work.
 Chemistry, Second Course.
 Civics, Preparatory.
 Ethics.
 French, Scientific.

Home Nursing and Emergencies.

Music—Theory and Sight Reading, Advanced Class, 1 hour credit.

Ohio History.

Penmanship.

Physics, Elementary, Review of Text. Preparatory.

Physics, Freshman, *Laboratory*.

Poetry, American.

Psychological Laboratory.

Schoolmasters' Conferences, 3:10 to 5:00 P. M., July 20-24.

4:20 P. M.

Overflow and additional classes will be scheduled at this hour.

7:00 to 8:00 P. M.

Free Lectures and Song Recitals in Music Hall. Each Tuesday, Wednesday, and Thursday.

OHIO UNIVERSITY

Degrees, Diplomas, and Certificates

June 13, 1912

A. B.

Zillah Fern Atkinson.....	Zanesville
Etta Cornelia Ayers	Gambier
George Cromwell Blower.....	Glouster
Mary Ella Caroline Buch.....	Massillon
Joseph Hooker Comstock.....	Athens
Bessie Irene Gibson	Amesville
Bessie Mabel Gorslene.....	Athens
Milton De La Haye Hughes.....	Monroeville
Anna Laura Jones.....	Portsmouth
Charles Kelley Knight.....	Athens
Anna Gladys Merrin.....	Mt. Vernon
Elizabeth Anne Murphy.....	Carlton
Gertrude O'Connor.....	Stewart
Louise Ogan.....	McArthur
Frank Harlan Palmer.....	Glenford
Mary Annette Powell.....	Athens
Marie Louise Price.....	Athens
Clarence Ray Ridenour.....	New Lexington
Harry Lee Ridenour.....	New Lexington
Hazel Elizabeth Rigby.....	East Liverpool
Benjamin Franklin Smith.....	Athens
Marguerite Gow Henderson Sutherland.....	Warren
Elizabeth Amelia Taylor.....	Brooklyn, N. Y.
Stella May Van Dyke.....	Athens
Mella Van Meter.....	Marion
Samuel Oliver Welday.....	Bloomington

B. S.

Franklin Clyde Carpenter.....	Athens
Jacob Roland Collins.....	Athens
Edward Alexander Coovert.....	Eldorado
John Bernard Dickson.....	Athens
Howard Leroy Dunlap.....	Flushing
Harold Altair Elson.....	Athens
Perry Wilbur Fattig.....	Athens
John Goldsworthy.....	Glouster
Ralph Clinton Kenney.....	Athens
Fred Charles Langenberg.....	Beverly
Harry Brunker McBee.....	Athens
Jose Carlos De Mello.....	Para, Brazil, S. A.
Jay Arthur Myers.....	Athens
Hugh Whiteford Parks.....	Cadiz
Jay Robert Patterson.....	Shiloh
Horton Calahan Pownall.....	Pomeroy
Reed Phillips Rose.....	Athens
Charles Forrest Sharp.....	Lucasville
Buren Riley Shields.....	Crooksville
Charles Elmo Stailey.....	Athens
Rudy Bell Teeling.....	Millersburg
Callie King Walls.....	Athens
John Douglas Welsh.....	Carpenter
Fred Shepper Wheaton.....	Athens

Ph. B.

Clarence Lee Shilliday.....	New Milford
Marie Lleyellyn Vanderslice.....	Athens

B. S. in Education

Adda May Andrews.....	Glouster
Gertrude Bartlett.....	Sonora
William Ransom Cable.....	Athens
Nettie Sara Duga.....	Bellaire
Oscar Ellsworth Dunlap.....	Flushing
Delma Viola Elson.....	Athens
George Arthur Erf.....	Monroeville

Amy Cole Evans.....	Portsmouth
Jay Gilmore Hickox.....	Novelty
Mabel Roxy Howell.....	McArthur
Eulalia Jefferis.....	Wilmington
Ora Clyde Lively.....	Wellston
Edith McMinn McCormick.....	Youngstown
Mary Elizabeth McLean.....	East Liverpool
Leota Blanche Morris.....	Harrisville
Mary Jane Morris.....	Magrew
Ernest Leland Nixon.....	New Plymouth
George Newton Norris.....	Athens
Anna Gail Patterson.....	Shadyside
John Conrad Richards.....	Carrollton
John Roy Richards.....	Zanesville

B. O.

Clyde Uriah Keckley.....	Alliance
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A. M.

Edith Palmer.....	Athens
Raymond Mahlon Slutz.....	Athens

M. S.

Homer Guy Bishop.....	Athens
Walker Ellsworth McCorkle.....	Dawson
Joshua Romine Morton.....	Athens
Howard A. Pidgeon.....	Pennsville
Charles Owen Williamson.....	Athens

M. S. in Education

Frederick Conrad Landsittel.....	Athens
Beverly Oden Skinner.....	Athens

A. M. Pro Honore

Clyde Ferdinand Beery.....	Akron
Charles French Blake.....	Baltimore, Md.
Strickland Gillilan.....	Baltimore, Md.
Morris A. Henson.....	Jackson
Samuel Levi McCune.....	Cincinnati
Samuel Kennedy Mardis.....	Columbus
Frank Warick Moulton.....	Portsmouth
Josephus Tucker Ullom.....	Philadelphia, Pa.

Two-Year Course in Elementary Education

Rosanna Blanche Alexander.....	Haverhill
Gertrude Bartlett.....	Sonora
Annie Isabel Beatty.....	Youngstown
Mary Rebecca Blake.....	Nelsonville
Marian Blanche Brackin.....	Kinsman
Edna Primose Burns.....	McArthur
Loretta Virginia Burns.....	Cleveland
Nellie Buswell.....	Elyria
Georgia Cheadle.....	Chillicothe
Anne Alexis Connors.....	Salem
Georgia Scott Cooley.....	Athens
Amy Agnes Dickson.....	Bartlett
Louedith Diehl.....	Hicksville
Jennie Frances Dowd.....	McArthur
Flavia Adelaide Dunstan.....	Granville
Florence Georgiana Finney.....	McArthur
Florence Elizabeth Gee.....	Kinsman
Myrtle Eulala Gill.....	Youngstown
Elizabeth Grove.....	Highland
Mary Isabel Hanna.....	Cadiz
Daisy Irene Herrold.....	Nelsonville
Margaret Katherine Kahler.....	Conneaut
Fannie Evangeline Knecht.....	Lancaster
Iva Loree Katzenbach.....	Nelsonville
Lu Verne Kelly.....	St. Marys
Freda Hazel Kochheiser.....	Bellville
Flora Vista McDonald.....	McConnelsville
Tirzah McGinniss.....	Zanesville
Mary Edith McMillin.....	Youngstown
James Edgar McNaughton.....	South Webster
Margaret Martina Morris.....	Magrew
Delia O'Connor.....	Alice
Matilda Ostermayer.....	Canton
Lura Pelly.....	Mingo Junction
Julia Mooreman Polk.....	New Vienna
Claire Lucile Reynolds.....	Oberlin
Ruth Estella Rogers.....	Amherst

Frieda Marguerite Schmalzle.....	Twinsburg
Nellie Gertrude Shupe.....	Kingston
Edith Leanna Shaddock.....	Sandusky
Louise Ethel Smith.....	Toronto, Canada
Ermine Inez Squier.....	Youngstown
Esther Marcella Taylor.....	McArthur
Lillian Esther Terrel.....	New Vienna
Marian Wolcott.....	Greenwich
Myrtle Woodruff.....	North Fairfield

Kindergarten Course

Ethel Lumley.....	Rootstown
Freda Williams.....	Springfield

Public School Drawing

Clara Angeline Adams.....	Utica
Marian Rebecca Dye.....	Hamden
Mary Isabel Hanna.....	Cadiz
Edith McMinn McCormick.....	Youngstown
Anna Gladys Merrin.....	Mt. Vernon
Key Elizabeth Wenrick.....	Canton

School Music

Lena Ellen Boelzner.....	Athens
Alma Doris Braden.....	Knightstown, Ind.
Mary Esther Burriss.....	Mt. Pleasant
Fannie Helena Cochran.....	Dresden
Olive Gertrude Dowd.....	McArthur
Alice Evelyn Figley.....	Chillicothe
Lena Imogene Koons.....	Athens
Dena Merle Lantz.....	McArthur
Florence Marguerite Miesse.....	Chillicothe
Margaret Elizabeth Moore.....	Martins' Ferry
Etta Floy Mowery.....	Laurelville
Edith Palmer.....	Athens
Katherine Loos Shira.....	La Rue
Gladys Lucile Van Valey.....	Athens

Agricultural Education

Oscar Ellsworth Dunlap.....	Flushing
Jay Gilmore Hickox.....	Novelty

Ernest Leland Nixon.....	New Plymouth
Burrell Blakeney Spohn.....	Athens

Manual Training

Mabel Elizabeth Winn.....	Rutland
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Electrical Engineering

Arthur Alanson Brainerd.....	Hartford, Conn.
David Albert Davis.....	Oak Hill
Leslie Charles McAllister.....	Carbon Hill
Rudy Bell Teeling.....	Millersburg
August George Utrup.....	Glandorf
John Douglas Welsh.....	Carpenter
Reese Edgar Williams.....	Glouster

Civil Engineering

John Vance Donley.....	Cleveland
Hugo Carl Fisher.....	New Bedford
Homer Smith Hopkins.....	Marengo
Gilbert Woodworth McDougall.....	Athens
George Adam Reese.....	Canton
Fred Lee Tom.....	New Concord
Clarence William Van Gundy.....	Chillicothe
Foster Mendenhall Yoakem.....	Vigo

College of Music

McKinley Slator Bethel.....	Athens
Helen Worth Falloon.....	Athens
Hannah Louise Higgins.....	Athens
Elizabeth Mearle Logan.....	Athens
Charles Don McVay.....	Athens
Agnes Dyson Beck Millikan.....	Athens
Harry Lee Ridenour.....	New Lexington
Elma Vera Starr.....	Athens

Oratory

George Cromwell Blower.....	Glouster
Edna Bell Williamson.....	Athens

Graduates of the Two-Year Collegiate Commercial Course

Allena Mae Brookins.....	Jackson
Edward Alexander Coovert.....	Eldorado
Stanley Dougan.....	Chesterhill
Marshall Lee Fawcett.....	Rushsylvania
Orion Herbert Flesher.....	Middleport
John Martin Henry.....	Junction City
Fred Foster Kelley.....	Athens
John King.....	Newark
Harry Brunker McBee.....	Athens
Fred Shepper Wheaton.....	Athens
Fred M. Young.....	Mount Sterling

Students Entitled to Certificates of Proficiency in Stenography and Typewriting.

Edith Blanche Beckler.....	Athens
William Everett Burt.....	New Marshfield
Myrtle Lillian Graham.....	Athens
Arthur Gray.....	Jackson
Harry Elvin Hawk.....	New Marshfield
Clara Elizabeth Hearn.....	Athens
Audra Maria Ludwick.....	Stewart
Eva Belle Martin.....	Athens
Helen Emma Pickett.....	Athens
Ethel Xavier Walsh.....	Athens
Mary Estelle Warrenner.....	Athens

Students Entitled to Certificates of Proficiency in Accounting

Cleon John Bassler.....	Lima
Ronald Lysle Bean.....	Athens
Roland Stemen Brown.....	Bremen
Nettie Florence Couture.....	Haskins
David Albert Davis.....	Oak Hill
Norman E. Fulton.....	Shade
Lewis Raymond Grover.....	Bidwell
Milo Ephraim Hewitt.....	New Marshfield

Erie Cooley Jackson.....	Nelsonville
Ray Edward Matticks.....	Newark
Robert E. Rucker.....	Rappsburg
Buren Riley Shields.....	Crooksville

Students Entitled to Certificates of Proficiency in

Accounting, Stenography and Typewriting

Viola May Burleigh.....	Athens
Eldon Emmett Byrne.....	Guysville
Freda Fern Calvert.....	Athens
Wilson Walter Follrod.....	Alfred
Elizabeth Jeannette Hixson.....	Chauncey
Emma Jane Hixson.....	Millfield
Raymond Rexford Rowland.....	Cutler
Pauline Henrietta Schettler.....	Wellstown

ANNUAL COMMENCEMENT OF OHIO UNIVERSITY

University Auditorium, June 13, 1912

PROGRAM

The Orchestra

Invocation

Violin Solo—(a) Souvenir.....*Drdla*
 (b) A La Hongroise.....*Hauser*
 MR. CHARLES DON McVAY

Oration.....The Real Betrayers of Labor
 FRANKLIN CLYDE CARPENTER

Oration.....Women as Portrayed in Art
 NETTIE SARAH DUGA

Oration.....Gossip
 BESSIE IRENE GIBSON

Piano Solo—Polonaise in E Minor.....*MacDowell*
 MR. MAC SLATOR BETHEL

Oration.....The Drama
 JOSEPH HOOKER COMSTOCK

Oration.....The Newer Education
 MARY J. MORRIS

Oration.....The College Graduate
 CLARENCE RAY RIDENOUR

Vocal Duet—Lakme.....*Delibes*
 MISS ANN HUGHES and MISS PAULINE STEWART

Conferring of Degrees and Presentation
 of Diplomas

Benediction.... Rev. F. M. Swinehart

THESES

For the Master's Degrees

A. M.

Edith Palmer: The Development of Parliament.

Raymond Mahlon Slutz: A Study of the Short Story, with Original Compositions.

M. S.

Homer Guy Bishop: Aesthetic Reaction to Colors.

Walker Ellsworth McCorkle: Habitat and General Features of the Necturus Maculosus.

Joshua Romine Morton: Water of Crystallization and Hydration in Solution.

Howard A. Pidgeon: Determination of Corrections to be Applied in Calorimeter Tests of Coal.

Charles Owen Williamson: A Beginning Course in Manual Training.

M. S. in Education

Frederick Conrad Landsittel: Method of an Organic Education.

Beverley Oden Skinner: A Study of Classics as a Whole with Special Reference to Composition.

For the Bachelor's Degree

A. B.

Zillah Fern Atkinson: The American Short Story.

Etta Cornelia Ayres: A Comparative Study of Grecian Myths and American Folk Lore.

George Cromwell Blower: The Circulation Department of the Modern Newspaper.

Mary Ella Caroline Buch: The Realism in Sudermann's Earlier Works.

Bessie Mable Gorslone: The Relation Between the Intellectual and Lyrical Element in Browning.

Milton De La Haye Hughes: Corporations Historically Traced.

Anna Laura Jones: The Wallenstein of Schiller's Trilogy and the Historical Character.

- Charles Kelley Knight: The Teaching of History and Government in the High-Schools.
- Anna Gladys Merrin: Art Interpretation.
- Elizabeth Anna Murphy: A Bibliography of Fifteen Great Writers.
- Gertrude O'Connor: Maria Theresa and Her Daughter.
- Louise Ogan: Some Pioneers in Higher Education.
- Frank Harlan Palmer: The Fourteenth Amendment to the Constitution.
- Mary Annetta Powell: A Comparison of Goethe's and Marlowe's Faust.
- Marie Louise Price: Recent American Poets and Poetry.
- Harry Lee Ridenour: Iago and Guido: A Study in Villany.
- Hazel Elizabeth Rigby: Social Development in England.
- Benjamin Franklin Smith: The Church and The Social Question.
- Marguerite Gow Henderson Sutherland: History of Education in England.
- Elizabeth Amelia Taylor: Sophocles.
- Stella May Van Dyke: Vocational Interests of Children.
- Mella Van Meter: The Franchise.
- Samuel Oliver Welday: The Recall.

B. S.

- John Bernard Dickson: } Aluminum and Manganese Alloys
 Jacob Roland Collins: } Low in Manganese.
- Edward Alexander Coovert: The Aldrich Banking Plan.
- Howard Leroy Dunlap: Some Problems in Soil Analysis.
- Harold Altair Elson } The Standardization of the Copper
 Charles Elmo Stailey } Voltameter.
- Perry Wilbur Fattig: Life History of an Enemy of the San Jose Scale (Microweisea Misella.)
- John Goldsworthy: The Single Tax.
- Ralph Clinton Kenney: Play as Related to Human Development and Human Life.
- Fred Charles Langenberg: Certain Alloys of Aluminum and Manganese.

- Harry Brunker McBee: } A Study of Stock Fluctuations.
 Fred Shepper Wheaton: }
- Jose Carlos De Mello: The Family, Marriage and Divorce.
 Jay Arthur Meyers: The Development of the Eye in Amia.
 Hugh Whiteford Parks: A System of Teaching Accounting.
- Jay Robert Patterson: } Some Analytic Results in Hocking
 Buren Riley Shields: } Valley Coal.
- Horton Callahan Pownall: The Ohio River.
 Reed Phillips Rose: An Hydrosol of Hydrated Aluminum
 Acetate and an Hydrogel of Alumina.
 Charles Forrest Sharp: The Prohibition Party.
- John Douglas Welsh: } Design and Testing of Transformers.
 Rudy Bell Teeling: }
- Callie King Walls: The Differential Equation—Its Application,
 Physical and Geometrical.

Ph. B.

- Clarence Lee Shilliday: The Development of the Epiphysis in
 Amia.

B. S. in Education

- Gertrude Bartlett: Methods of Directing Play Activities.
 William Ransom Cable: The Rise and Efficiency of Commer-
 cial Education.
 Oscar Ellsworth Dunlap: The Development of Industrial and
 Agricultural Education in Ohio.
 Amy Cole Evans: Plot in the Short Stories of Hawthorne, Poe
 and Aldrich.
 Jay Gilmore Hickox: The Effect of Light and Shade on Plants.
 Eulalia Jefferis: The Teaching of Modern Languages.
 Edith McMinn McCormick: Drawing as a Factor in Education.
 Mary Elizabeth McLearn: The Pedagogy of Secondary Mathe-
 matics.
 Leota Blanche Morris: Hawthorne's Method of Delineating
 Character.
 Ernest and Leland Nixon: Orchard Diseases.
 George Newton Norris: Correlation of Literature in English
 and American History.

Anna Gail Patterson: Constitution Conventions of Ohio.

John Conrad Richards: Night-Flying Insects.

John Roy Richards: Value of Latin in the Secondary Course of Study.

ALUMNI DEPARTMENT

CLEMENT L. MARTZOLFF, B. Ped., M. Ped., *Secretary*.

At the annual meeting of the Board of Trustees of Ohio University, in June, 1906, the office of Alumni Secretary was created. The object of this department is to assist in the work of the Alumni Association, to organize clubs of alumni and former students, to secure data concerning the history and the alumni of the University, and to publish bulletins from time to time denoting progress.

Of the eight hundred and thirty-nine persons who have received the Bachelors' Degree, fewer than ten have not been accounted for.

At present the Secretary is engaged in collecting data from which to compile a Complete Alumni Record of the University. This will be published in 1915, the One Hundredth Anniversary of the graduation of the first class. This publication will contain many other interesting facts concerning the history of the University.

GENERAL ALUMNI ASSOCIATION

Constitution

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ARTICLE II. The officers of the Association shall be President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ARTICLE III. The annual meeting of this Association shall be held in connection with the Commencement exercises of the University.

ARTICLE IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding

of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ARTICLE V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ARTICLE VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ARTICLE VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

ALUMNI ASSOCIATION

Officers of General Alumni Association for 1912-13

President, BISHOP DAVID H. MOORE '60.....Indianapolis, Ind.
Vice-President, W. S. EVERSOLE '69.....Aurora, Ohio
Secretary, C. L. MARTZOLFF '07.....Athens, Ohio
Treasurer, J. P. WOOD, JR. '03.....Athens, Ohio

Executive Committee

W. A. Matheny '08.....Athens, Ohio
 Nellie Pickering '05.....Athens, Ohio
 Blanche Mohler '07.....Athens, Ohio
 George C. Parks '08.....Athens, Ohio

The Ohio University Alumni Association of Pittsburg

(ORGANIZED IN 1906)

President, CALVIN B. HUMPHREY '88,
 131 Riverside Drive, New York City
Secretary-Treasurer, DR. NEWMAN H. BENNETT '99,
 1908 Carson St., Pittsburg, Pa.

The Ohio University Alumni Association of Columbus

(ORGANIZED IN 1909)

President, MRS. MARY E. LEE '04.....Westerville, Ohio

Secretary, FLOYD S. CROOKS '06,

State Auditor's Office, Columbus, Ohio

The Ohio University Alumni Association of Southern Ohio

(ORGANIZED IN 1910)

President, JOHN M. DAVIS, 73.....Rio Grande, Ohio

Secretary, FRED E. C. KIRKENDALL '93.....Chillicothe, Ohio

The Ohio University Alumni Association of

The Western Reserve

(ORGANIZED IN 1912)

President, Emma K. Danna '78.....Cleveland, Ohio

Secretary, Dr. A. A. Johnson '08.....Cleveland, Ohio

The Ohio University Alumni Association of New England

(ORGANIZED IN 1912)

President, W. T. Morgan '09.....Cambridge, Mass.

Secretary, Harry L. Ridenour '12.....Cambridge, Mass.

The Ohio University Club at Cornell

(ORGANIZED IN 1913)

President, H. A. Pidgeon '11.Ithaca, N. Y.

Secretary, C. L. Shilliday '12.....Ithaca, N. Y.

LIST OF STUDENTS

COLLEGE OF LIBERAL ARTS

POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Coultrap, Manley Lawrence, Ph. B.....	McArthur
Forsyth, Florance D., Ph. B.....	Monongahela, Pa.
Gorslene, Bessie Mabel, A. B.....	Athens
Hickman, Florence May, Ph. B.....	Nelsonville
Jones, Evan Johnson, Ph. B.....	Athens
Kaler, Mary Engle, Ph. B., B. Ped.	Athens
Knight, Charles Kelley, A. B.....	Athens
Langenberg, Fred Charles, B. S.....	Beverly
Merritt, William Schory, A. B.....	Mulberry, Fla.
Mohler, Nelle Blanche, Ph. B.....	Athens
Palmer, Edith, Ph. B.....	Athens
Pidgeon, Howard A., B. S.....	Pennsville
Sherman, Alice Louise, A. B., B. Ped.....	Wilmington
Slutz, Raymond Mahlon, B. L.....	Athens
Tuttle, Harley Angelo, B. S.	Diamond
Williamson, Charles Owen, B. S.....	Athens

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CLASS OF 1912

Atkinson, Zillah Fern.....	Zanesville
Ayers, Etta Cornelia	Gambier
Blower, George Cromwell.....	Glouster
Buch, Mary Ella Caroline.....	Massillon
Carpenter, Franklin Clyde	Athens
Collins, Jacob Roland.....	Athens
Comstock, Joseph Hooker	Athens
Coovert, Edward Alexander.....	Eldorado
Dickson, John Bernard.....	Athens
Dunlap, Howard Leroy.....	Flushing
Elson, Harold Altair.....	Athens
Fattig, Perry Wilbur.....	Athens
Gibson, Bessie Irene.....	Amesville
Goldsworthy, John.....	Glouster
Gorslene, Bessie Mabel.....	Athens
Hughes, Milton De La Haye.....	Monroeville
Jones, Anna Laura.....	Portsmouth

Kenney, Ralph Clinton.....	Athens
Knight, Charles Kelley.....	Athens
Langenberg, Fred Charles.....	Beverly
McBee, Harry Brunker.....	Athens
Mello, de, Jose Carlos.....	Para, Brazil, S. A.
Merrin, Anna Gladys.....	Mt. Vernon
Murphy, Elizabeth Anne.....	Carlton
Myers, Jay Arthur.....	Athens
O'Connor, Gertrude.....	Stewart
Ogan, Louise.....	McArthur
Palmer, Frank Harlan.....	Glenford
Parks, Hugh Whiteford.....	Cadiz
Patterson, Jay Robert.....	Shiloh
Powell, Mary Annette.....	Athens
Pownall, Horton Calahan.....	Pomeroy
Price, Marie Louise.....	Athens
Ridenour, Clarence Ray.....	New Lexington
Ridenour, Harry Lee.....	New Lexington
Rigby, Hazel Elizabeth.....	East Liverpool
Rose, Reed Phillips.....	Athens
Sharp, Charles Forrest.....	Lucasville
Shields, Buren Riley.....	Crooksville
Shilliday, Clarence Lee.....	New Milford
Smith, Benjamin Franklin.....	Athens
Stailey, Charles Elmo.....	Athens
Sutherland, Marguerite Gow Henderson.....	Warren
Taylor, Elizabeth Amelia.....	Brooklyn, N. Y.
Teeling, Rudy Bell.....	Millersburg
Van Dyke, Stella May.....	Athens
Van Meter, Mella.....	Marion
Vanderslice, Marie Llewellyn.....	Athens
Walls, Callie King.....	Athens
Welday, Samuel Oliver.....	Bloomington
Welsh, John Douglas.....	Carpenter
Wheaton, Fred Shepper.....	Athens

UNDER GRADUATES

NAME	COURSE	RANK	ADDRESS
Aber, Irene Virginia.....	A. B.	Soph	Athens
Adams, Ella Jean.....	A. B.	Junior	Highland
Alvis, Martha Ann.....	Com'l		Athens
Amerine, Minnie.....	A. B.	Soph	Lancaster
Anderson, Harold Way.....	Eng	Soph	Lancaster
Andre, Robert McQueen....	A. B.	Fresh	Waverly
Angell, Mary Leah.....	Music		Athens
Antorietto, Dora Catherine..	Music		Athens
Antorietto, Josephine.....	Com'l		Athens
Arbaugh, Charles Quincy....	Com'l	Fresh	Jewett

NAME	COURSE	RANK	ADDRESS
Armstrong, Valerie	Music		Athens
Arndt, Mary Hannah	Music		Indianapolis, Ind.
Bailar, Charles Otto	Eng	Soph.	Sidney
Bailey, Cora Ethlyn, B. Ped.	Special		Lilly Chapel
Baker, Ray Albert	Eng	Fresh	New Matamoras
Balis, Celia Louise	Com'l		Athens
Bare, Leslie Thompson	A. B.	Soph	Hannibal
Barker, Robert Ralph	A. B.	Fresh	Athens
Barnaby, Paul Jones	A. B.	Fresh	Randolph
Barth, Karl Morrison	B. S.	Fresh	Athens
Bash, Edwin Wallace	B. S.	Jun	White Cottage
Bassler, Cleon John	Com'l	Soph	Lima
Battin, Clyde Raybould	Music		Athens
Beam, Floyd Guyton	A. B.	Jun	Athens
Bean, Edgar Ellsworth	Com'l	Soph	Athens
Bean Ronald Lysle	Com'l	Soph	N. Chattanooga, Tenn.
Beckler, Edith Blanche	Com'l		Athens
Bell, Minnie Madrey	Music		Athens
Bell, Vivian Opal	Music		Athens
Bentley, William Prescott	A. B.	Fresh	Athens
Bethel, Mac Slator	Com'l	Jun	Athens
Bethel Raymond Culver	Com'l	Fresh	Plainview, Texas.
Bibbee, Mayme Hannah	Music		Athens
Biddle, Ellen Roberts	Music		Athens
Bierer, Martin Ellsworth	A. B.	Fresh	Adena
Bishop, Herman Davis	B. S.	Jun	Derby
Black, Della Olive	Music		North Eaton
Blosser, Frank Ray	B. S.	Soph	Hicksville
Bobo, Rinda Florence	Com'l		Athens
Bogran, Samuel	Eng	Fresh	Santa Barbara, Honduras
Bolin, Eleanor	Com'l		Athens
Bone, Florence Hannah	Music		McConnelsville
Bonesteele, Park Lowe	A. B.	Junior	Bellaire
Bono, John Desire	Eng		Kiukiang, China
Bort, Donald S	Com'l	Fresh	Logan
Bowles, Hal Chalfan	B. S.	Sen	Dexter
Bowser, Ida Elizabeth	Music		Columbus
Bradley, Edith Mary	A. B.	Fresh	McGregor, Iowa
Brainerd, Arthur Alanson	B. S.	Soph	Hartford, Conn
Brickles, Lucy Inez	A. B.	Soph	Nelsonville
Brodess, Oran	Com'l		Bourneville
Brookins, Allena Mae	Com'l	Soph	Jackson
Brown, Milton Maywould	A. B.	Sen	Washington
Brown, Roland Stemen	Com'l	Fresh	Bremen
Buchanan, Edith Amanda	Music	Jun	Basil
Buchanan, James William	B. S.	Sen	Basil
Buell, Charles Townsend	A. B.	Jun	Sugar Grove

NAME	COURSE	RANK	ADDRESS
Bunch, Charles Henry.....	Eng.....	Soph.....	Ravenna
Bundy, William Sanford.....	A. B.....	Soph.....	Athens
Burleigh, Viola May.....	Com'l.....		Athens
Burrell, George Richard.....	A. B.....	Soph.....	Freeport
Burson, Ethel Frances.....	Music.....		Athens
Bush, Gordon Kenner.....	Music.....		Athens
Busic, William Hezekiah....	A. B.....	Fresh.....	Mt. Sterling
Bussiere, Antonio	Eng.....	Fresh.....	Rio De Janeiro, Brazil
Byrne, Eldon Emmett....	Com'l.....		Guysville
Calvert, Freda Fern	Com'l.....	Fresh.....	Athens
Calvin, Harley Earl.....	Eng.....	Fresh.....	Hamden
Cameron, Arthur Edward....	Music.....		Athens
Carle, Herbert McComas....	A. B.....	Fresh.....	Jerusalem
Carr, Gertrude Nora.....	Music.....		Rutland
Case, John Gail ...	B. S.....	Sen.....	Croton
Caster, Lovina.....	Music.....		Carpenter
Cattell, Lurena Marjorie....	A. B.....	Jun.....	Mt. Pleasant
Chalfant, Maud.....	Special.....		Athens
Chamberlain, Willard Jason..	Com'l.....	Soph.....	Milledgeville
Chalce, Clifford			
Wilmont Douglas.....	B. S.....	Sen.....	Gambier
Chen, Shon Jen.....	A. B.....	Fresh.....	Canton, China
Cherrington, Edith Mabel....	A. B.....	Soph.....	Athens
Cherrington, Homer Virgil....	A. B.....	Jun.....	Athens
Chrisman, Oscie Dru.....	A. B.....	Soph.....	Athens
Christman, Anna Pearl.....	Music.....		Millfield
Chubb, Ida Maude	Special.....		Corning, Iowa
Clark, Mary Helen, A. B....	Music.....		Kalamazoo, Mich.
Claypool, Garnet Louise....	Music.....		Nelsonville
Cline, Edna Blanche Claire....	A. B.....	Sen.....	Albany
Cline, Hazael Blanche	A. B.....	Fresh.....	Albany
Clutts, Oliver Perry.....	A. B.....	Sen.....	Wheelersburg
Cole, Bessie Martha.....	A. B.....	Jun.....	Jewett
Cole, Clarence Edison.....	A. B.....	Soph.....	Hartville
Cole, Fern Lelah.....	A. B.....	Fresh.....	Hartville
Cole, James David.....	Eng.....	Soph.....	Jewett
Coleman, Frances White....	Com'l.....		Athens
Cooper, Gilbert Floyd.....	B. S.....	Fresh.....	McConnellsville
Cooperrider, Charles Knesal B. S.....		Jun.....	Brownsville
Copeland, Anna Charlotte....	A. B.....	Soph.....	Athens
Copeland, Edna Florence....	A. B.....	Jun.....	Athens
Copeland, Nelle Elizabeth....	A. B.....	Soph.....	Athens
Copeland, William Franklin B. S.....		Fresh.....	Athens
Copeland, William Howard....	Com'l.....	Fresh.....	Jewett
Core, Franklin John.....	Eng.....	Fresh.....	Mt. Sterling
Corn, Lena Everette, A. M.,..	Music.....		Norman, Okla.
Cotner, Bertha Adelaide....	Music.....		Athens

NAME	COURSE	RANK	ADDRESS
Cotner, Robert Arthur.....	Music.....		Athens
Cotterman, Ruth Mabel.....	A. B.....	Fresh.....	Rockford
Cotton, Mabel Emma.....	Music.....		Athens
Courtney, John Adrian.....	Music.....	Fresh.....	Athens
Cox, Ellis Van Hise.....	A. B.....	Jun.....	Dayton
Creesy, Clyde Kenneth.....	Eng.....	Soph.....	Coolville
Crisenberry, Virginia May.....	A. B.....	Sen.....	Cardington
Cronacher, Henrietta Violet.....	Com'l.....	Soph.....	Ironton
Crooks, Bernice.....	Music.....		Athens
Cuckler, Katherine Eunice.....	Music.....		Athens
Cummins, Mary Elizabeth.....	Music.....		Steubenville
Curfman, Dwight.....	Music.....		Glouster
Dais, Katherine.....	Music.....		Athens
Daines, Evalina.....	Music.....		Athens
Danford, Dorothy Adene.....	Music.....	Fresh.....	Glouster
Daugherty, Omer Joseph.....	Eng.....	Soph.....	New Lexington
Davidson, Jennie.....	Com'l.....	Fresh.....	London
Davidson, Ralph Edwin.....	Music.....		Athens
Davis, Daniel.....	Eng.....	Fresh.....	Athens
Davis, David Albert.....	Eng.....	Soph.....	Oak Hill
Davis, Irma Elizabeth.....	Music.....		Jackson
Davis, Lillian Taylor.....	Com'l.....		Somersset
Davis, Mabel Claire.....	Music.....		Glouster
Davis, Marie Louise.....	A. B.....	Fresh.....	Gallipolis
Davis, Ruth Myers.....	Music.....		Athens
De La Rue, Harry.....	A. B.....	Sen.....	Jeffersonville
Dean, Minnie Foster.....	Special.....		Athens
Dickerson, Thomas Arthur.....	A. B.....	Fresh.....	Jersey
Donley, John Vance.....	B. S.....	Sen.....	Cleveland
Donnelly, Mary Isabel.....	Music.....		Corning
Dougan, Stanley.....	A. B.....	Jun.....	Chesterhill
Du Bois, Herman Henry.....	B. S.....	Jun.....	Vigo
Dustheimer, Oscar Lee.....	B. S.....	Sen.....	Thornville
Dye, Frank Argyll.....	A. B.....	Fresh.....	Zanesville
Eakin, Charles Thornton.....	Eng.....	Soph.....	Negley
Ebert, Madge.....	Music.....	Fresh.....	Circleville
Eccles, Charles Middleton.....	A. B.....	Jun.....	Athens
Eccles, Henry Henderson.....	A. B.....	Jun.....	Athens
Eckelberry, Roscoe Huhn.....	A. B.....	Fresh.....	McArthur
Edwards, Mary Ethel.....	A. B.....	Sen.....	Syracuse
Eggleston, Joseph Burt.....	Eng.....	Fresh.....	Middlefield
Elliott, Lulu Faye.....	Com'l.....	Fresh.....	Pleasanton
Elson, Winfred Paul.....	A. B.....	Soph.....	Athens
Endsley, Benjamin Lawrence.....	A. B.....	Soph.....	Lancaster
England, Naomi Lucile.....	Com'l.....		Chauncey
Ernest, Emma Louise.....	Music.....		Sandusky
Evans, Mary.....	A. B.....	Sen.....	Athens

NAME	COURSE	RANK	ADDRESS
Fagan, Fannie Lucile.....	Com'l.....		Athens
Falloon, Helen Worth.....	Music.....		Athens
Falloon, Virgil.....	A. B.....	Sen.....	Falls City, Neb.
Fawcett, Dwight Ansley....	Com'l.....	Fresh.....	Rushsylvania
Fawcett, Marshall Lee.....	Com'l.....	Jun.....	Rushsylvania
Fenzel, Lillian Maude.....	Music.....		Athens
Ferreira, Agenor.....	Eng.....	Fresh.....	Parana, Brazil
Fiedler, Ferdinand Arthur..	A. B.....	Fresh.....	New Philadelphia
Finley, Earl.....	Eng.....	Fresh.....	Nelsonville
Finsterwald, Edwin.....	A. B.....	Fresh.....	Athens
Finsterwald, Russell Weihr..	A. B.....	Fresh.....	Athens
Fishel, Waite Philip.....	A. B.....	Fresh.....	Pleasant City
Fisher, Hugo Carl.....	B. S.....	Sen.....	New Bedford
Fisher, Mary Jane.....	Music.....	Fresh.....	North Lewisburg
Flesher, Orion Herbert.....	A. B.....	Sen.....	Middleport
Fletcher, Mary Ella.....	Com'l.....	Soph.....	Athens
Foley, Kathryn Margaret....	Com'l.....	Fresh.....	Glouster
Foley, Louis Haynes.....	A. B.....	Jun.....	Zanesville
Follrod, Wilson Walter.....	Com'l.....		Alfred
Forsyth, Herbert Raymond..	Eng.....	Fresh.....	Ashtabula
Foss, Carl Alstien.....	A. B.....	Fresh.....	Buffalo, N. Y.
Foster, Frances.....	Music.....		Athens
Foster, Ruth.....	Music.....		Athens
Frost, Florence Edna.....	Com'l.....		Athens
Fry, Lester Ray.....	B. S.....	Sen.....	Mogadore
Fulton, Norman.....	Com'l.....	Jun.....	Shade
Fulton, Oscar.....	Com'l.....	Fresh.....	Athens
Fulwider, Albert Paul.....	A. B.....	Sen.....	Athens
Fulwider, William Elbert....	A. B.....	Sen.....	Athens
Furman, Alton Clio.....	Eng.....	Soph.....	Sidney
Geary, John.....	Music.....		Jacksonville
Gibbony, Alvin Percy.....	Eng.....	Fresh.....	Carroll
Gibson, Clyde Owen.....	A. B.....	Jun.....	Amesville
Gillen, Roy John.....	A. B.....	Soph.....	Wellston
Gillette, Edward Taylor....	Com'l.....		Lancaster
Gillilan, Anna Pearl.....	A. B.....	Fresh.....	Springville, Utah
Gillilan, Paul McVay.....	B. S.....	Jun.....	Springville, Utah
Goddard, Fred Benoni.....	A. B.....	Soph.....	Cutler
Goddard, Gretta Marian.....	Music.....	Fresh.....	Wellston
Goldsberry, Blaine Randolph	B. S.....	Jun.....	Athens
Goldsberry, John Russell...	Music.....		Athens
Goodwin, Howard Lewis....	B. S.....	Fresh.....	Athens
Graham, Miles McKindree....	A. B.....	Soph.....	Logan
Graham, Myrtle Lillian....	Com'l.....		Athens
Gray, Arthur.....	Com'l.....	Fresh.....	Jackson
Greathead, Elsie Selene....	A. B.....	Jun.....	McConnellsburg, Pa.
Griggs, Elma Australia.....	Music.....	Fresh.....	Junction City

NAME	COURSE	RANK	ADDRESS
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Grimes, Belle Few.....	Special.....		Athens
Groetzinger, Carl Addison...	Eng.....		Warrensville
Grones, Dow Siegel.....	Com'l.....	Soph.....	Athens
Cross, Carl Lenox.....	Com'l.....		Athens
Grover, Anna Baird.....	A. B.....	Fresh.....	Pine Grove
Grover, Faye.....	Special.....		Pine Grove
Gutman, Leo Oliver.....	Eng.....	Fresh.....	Sidney
Gutridge, Rollin Edward....	A. B.....	Soph.....	Brownsville
Hackett, Mary Patton.....	A. B.....	Fresh.....	Jewett
Hall, William Loring.....	Special.....		Athens
Hamley, Nettie Kathryn....	B. S.....	Fresh.....	Perry
Hancher, Louise Eleanor....	A. B.....	Sen.....	Athens
Haney, Forest Clayton.....	A. B.....	Fresh.....	Woodsfield
Hannahs, Ralph Stanley....	Music.....		Nelsonville
Harper, Carrie Bessie.....	A. B.....	Fresh.....	Wellston
Harper, Walter Jean.....	B. S.....	Soph.....	Monday
Hart, Frederick Glenn.....	B. S.....	Fresh.....	Prairie Depot
Hartford, William Addison..	Com'l.....	Soph.....	Toronto
Hartmann, John			
Christopher Lewis.....	Eng.....	Soph.....	Lancaster
Hartsock, Isabel Justina...	A. B.....	Soph.....	Lancaster
Harwick, Curtis John.....	Music.....		Athens
Hastings, Emily Evelyn....	A. B.....	Sen.....	Grover Hill
Hastings, Stanley Miller....	Eng.....	Soph.....	Zanesville
Hauschildt, Katherine.....	A. B.....	Soph.....	Piqua
Hawk, Harry Elvin.....	Com'l.....		New Marshfield
Hearn, Clara Elizabeth.....	Com'l.....		Athens
Henry, John Martin.....	A. B.....	Sen.....	Junction City
Henry, Lucile Rebecca.....	A. B.....	Soph.....	Athens
Herrold, Russell Phillips...	B. S.....	Fresh.....	Athens
Heskett, Harrison Allison...	B. S.....	Fresh.....	Bethesda
Hewitt, Grace Elizabeth....	Com'l.....		New Marshfield
Higby, Josephine Sharp....	A. B.....	Fresh.....	Higby
Higgins, Hannah Louise....	A. B.....	Soph.....	Athens
Higgins, Leight Monroe....	Music.....		Athens
Hill, Clyde Gilman.....	Special.....		Athens
Hill, Hazel Krapps.....	Music.....		Athens
Hinaman, Arthur William...	B. S.....	Sen.....	East Aurora, N. Y.
Hixson, Elizabeth Jeannette	Com'l.....		Chauncey
Hixson, Emma Jane.....	Com'l.....		Millfield
Hoffmeister, Alexander			
Charles M.....	Special.....		Athens
Hoodlet, Jacob James.....	B. S.....	Soph.....	Nelsonville
Hopkins, Homer Smith.....	B. S.....	Jun.....	Marengo
Howe, Mary Ellen.....	A. B.....	Fresh.....	Troy
Hughes, Milton			
DeLa Haye, A. B.....	Special.....		Monroeville

NAME	COURSE	RANK	ADDRESS
Hunnicut, William Clarence A. B.	Fresh		Zanesville
Hurst, Edna Powell	Music		Athens
Hussey, Cyril Christopher	A. B.	Soph	Sidney
Hutchins, Flora Estelle	B. S.	Sen	Nelsonville
Jackson, Earl Cooley	Com'l.	Fresh	Nelsonville
Jackson, Homer Burton	Com'l.	Fresh	Columbia City, Ind.
Jacoby, Marvella Juanita	Music		Canaanville
James, Eunice Mae	Music		Steubenville
James, Grace Lee	Com'l.		Athens
Johnson, Bernard David	A. B.	Soph	McConnelsville
Johnson, Eva May	Music		Vivian, W. Va.
Johnson, John Edwin	A. B.	Fresh	Nelsonville
Johnson, Otis Crawford	Eng.	Fresh	Trimble
Jones, Earl Leslie	A. B.	Fresh	Nelsonville
Jones, Grace Hoyt	A. B.	Fresh	Jackson
Jones, James A.	Music		Athens
Jones, Mostyn Lloyd	A. B.	Sen	Athens
Jones, Olwen Elizabeth	Music		Athens
Jones, Roger Johnson	A. B.	Sen	Athens
Judy, Wilfred Sylvester	Eng.	Fresh	Logan
Junod, Carrie Clester	A. B.	Jun	Athens
Junod, Grace Marie, Ph. B.	Music		Athens
Kalar, Thomas Leslie	Eng.	Fresh	Belmont
Kaler, Mary Engle,			
Ph. B., B. Ped.	Special		Athens
Karr, Gladys Evelyn	A. B.	Fresh	Syracuse
Kasler, Ray Golden	Music		Trimble
Kelley, Etta	Com'l.	Fresh	St. Marys
Kelley, Fred Foster	Com'l.	Soph	Athens
Kelley, Harriet Luella	Music		Lima
Kemp, Ima May	Com'l.		Martin
Kenyon, Johnson Darby	Eng.	Fresh	Wauseon
Kern, Atta Brooks	Special		Athens
Kern, William Sherman	Special		Beaver
Kimes, Blair Reed	Eng.	Fresh	Belpre
King, James Robertson	Eng.	Fresh	Clyde
King, John	B. S.	Sen	Newark
Kinnison, James Edgar	A. B.	Soph	Jackson
Knight, Oscar Allen	A. B.	Fresh	Athens
Knisely, Omar Ashton	Eng.	Fresh	Bainbridge
Koenig, Norma Anna	Music		Murray
Koons, Nelle Murael	Music	Soph	Athens
Krieg, Leland Irving	Eng.	Fresh	Nelsonville
Krout, Webster Sherburn	A. B.	Jun	Bremen
Kuhn, Edna Beery	Special		Nelsonville
Kurtz, Frank Bartlett, Ph. B.	Music		Athens
Langsdon, Walter Ralph	Eng.	Fresh	Mendon

NAME	COURSE	RANK	ADDRESS
Lantz, Purle Frances.....	Music.....	Fresh.....	McArthur
Lash, Faye Ardelle.....	Music.....		Athens
Lash, Greta Alecia.....	Music.....		Athens
Lavery, Adam James.....	Special.....		Athens
Lavery, Helen.....	Music.....		Athens
Law, Christine Elizabeth...	A. B.....	Fresh.....	Chauncey
Lawless, Emma Clare.....	Com'l.....	Fresh.....	Bidwell
Lawrence, Arthur Elbert....	A. B.....	Fresh.....	Coolville
Lawrence, Lydia Grace.....	Music.....		Guysville
Lawrence, Majel.....	A. B.....	Jun.....	Coolville
Le Roy, Bernard Reamy, Jr..	A. B.....	Fresh.....	Athens
Le Roy, Bernard			
Reamy, Sr., M. D.....	Special.....		Athens
Leech, Laura Helen.....	A. B.....	Soph.....	Athens
Leech, Mary Alice.....	A. B.....	Fresh.....	Athens
Leifheit, Mabel Lena.....	Music.....	Fresh.....	Pomeroy
Lewis, Charles Belding.....	A. B.....	Fresh.....	Huntsburg
Lewis, Mary Adaline.....	Special.....		Athens
Liggett, Clarence Carr.....	A. B.....	Fresh.....	Athens
Liston, Eugenia May.....	Music.....		Portsmouth
Lively, Sarah Joanna.....	Music.....		Albany
Logan, Edward Wilson.....	Com'l.....	Fresh.....	Athens
Logan, Elizabeth Merle.....	Music.....		Athens
Logan, Inez.....	A. B.....	Fresh.....	Athens
Long, Louis John.....	A. B.....	Soph.....	Urbana
Longley, Robert Kenneth....	A. B.....	Fresh.....	McConnelsville
Love, Arthur Albert.....	Com'l.....	Fresh.....	Nelsonville
Loyd, Helen.....	Music.....		Glouster
Ludlow, Doris.....	A. B.....	Sen.....	Piqua
Lutes, Olin Silas.....	A. B.....	Fresh.....	Coal Center, Pa
Lynn, Arthur Dellert.....	Eng.....	Soph.....	Portsmouth
McAllister, Leslie Charles...	Eng.....	Fresh.....	Carbon Hill
McBee, Earl Edgar.....	A. B.....	Soph.....	Athens
McCleery, Walter Scott.....	B. S.....	Fresh.....	Lancaster
McConnell, Gilbert Franklin.	Eng.....	Fresh.....	Gnadenhutten
McCoy, Wallace Walter.....	A. B.....	Fresh.....	West Jefferson
McDaniel, Ira Alpheus.....	A. B.....	Sen.....	Athens
McDougall, Gilbert			
Woodworth.....	Eng.....	Soph.....	Athens
McFadden, Albert Henry.....	Music.....		Athens
McFadden, Emma Barber....	Special.....		Athens
McGinniss, Robert D.....	B. S.....	Fresh.....	Zanesville
McGuire, Zoa.....	A. B.....	Sen.....	Marion
McKay, Fred Merrick.....	A. B.....	Jun.....	Stewart
McLaughlin, Henry Max.....	B. S.....	Jun.....	Wilkesville
McLean, Alta Elizabeth.....	A. B.....	Soph.....	North Bloomfield
McLeod, Constance Trueman	Music.....		Wyoming

NAME	COURSE	RANK	ADDRESS
McReynolds, Wilbur Reece	A. B.	Soph.	Columbus
McVay, Charles Don	A. B.	Jun.	Athens
McVey, James Pryor, Ph. B.	Special		Athens
Maag, William Dovey	A. B.	Fresh.	Chillicothe
Mann, Karl Burr	Eng.	Soph.	Clyde
Mann, Samuel David	Special		Athens
Mariner, Daisy Belle	Music		Athens
Martin, Eva Belle	Com'l.	Fresh.	Athens
Mason, Hazel Mary	Music		Athens
Mast, Cora Elma	A. B.	Soph.	Zanesville
Matheny, Clarence Albert	A. B.	Sen.	The Plains
Matson, Russell Elliott	Eng.	Soph.	Athens
Matticks, Ray Edward	Com'l.		Newark
Mauck, Stanley Robert	A. B.	Fresh.	Cheshire
Mendez, Alfredo Laureano	Special		Mayaguez, P. R.
Mercer, Leslie Leonard	Music		Athens
Merkle, Robert	A. B.	Fresh.	Bourneville
Merritt, Kathleen Wood	A. B.	Sen.	Mulberry, Fla.
Merwin, Addie Tullis	Music		Athens
Merwin, Margaret Blanche	Music		Athens
Michener, Effie	Music		Chesterhill
Micklethwaite, Gilbert			
Richard	B. S.	Sen.	Portsmouth
Micklethwaite, Louise	A. B.	Jun.	Portsmouth
Miller, Albert Edward	Special		East Liverpool
Miller, Benjamin Warren	A. B.	Soph.	Millwood, W. Va.
Miller, Fletcher McCoy	A. B.	Soph.	Athens
Miller, Florence Agnes	A. B.	Fresh.	Millersport
Miller, Lewis Harrison	A. B.	Sen.	Millwood, W. Va.
Millikan, Agnes Dyson Beck	Music		Athens
Mills, Helen			
Mildred Josephine	Music		Athens
Mills, Lewis Herald	A. B.	Fresh.	Athens
Mitchell, Bertram Alexander	Special		Athens
Mitchell, Margaret Ramsey	A. B.	Fresh.	Jackson
Moitinho, Ruben	Special		Rio de Janeiro, Brazil
Montgomery, John Alvin	Eng.	Soph.	Baltimore
Moody, Vittoria	A. B.	Sen.	Bartlett
Moore, Alma Jo	Music		Athens
Moore, Frederick Darrell	A. B.	Fresh.	Athens
Moore, Marie Amanda	Com'l.		Carrollton
Moore, Sylvia	Music		Athens
Morgan, Anna Pauline	Music		Murray
Morrison, Ora Irene	Music		Athens
Morrow, Garnette Elizabeth	A. B.	Soph.	Bartlett
orton, Sarah Margaret	A. B.	Fresh.	Brownsville
oss, Estella May	Music	Fresh	Lancaster

NAME	COURSE	RANK	ADDRESS
Motz, Lester Leroy.....	Eng.....	Fresh.....	Brice
Muntz, Earl Edward.....	A. B.....	Fresh.....	Athens
Murch, James DeForest.....	A. B.....	Soph.....	Athens
Myers, Faith Lavonne.....	Music.....	.....	Athens
Nader, Edna Valentine.....	A. B.....	Fresh.....	New Lexington
Neff, Perry Andrew.....	A. B.....	Fresh.....	Dayton
Nelson, Marguerite Lucile..	Music.....	.....	Nelsonville
Nixon, John Newton.....	B. S.....	Soph.....	Bremen
Nutting, Raymond James....	B. S.....	Sen.....	Malta
Nye, Bessie.....	Music.....	.....	Chauncey
Nye, Charles Edward.....	A. B.....	Fresh.....	Athens
O'Rourke, Hannah.....	Music.....	.....	Niles
Okey, Ruth Eliza.....	A. B.....	Fresh.....	Kirkwood, Ill.
Owen, Jessie Palmer.....	A. B.....	Fresh.....	Amesville
Pairan, Paul Edward.....	A. B.....	Fresh.....	Lancaster
Pake, Edward Howe.....	A. B.....	Jun.....	Bainbridge
Palmer, Horace Dutton.....	Eng.....	Fresh.....	Athens
Palmer, John Alonzo.....	Com'l.....	Jun.....	Athens
Parfitt, Blanche Ruby.....	Music.....	.....	Athens
Park, Jennie Irene.....	A. B.....	Soph.....	Lancaster
Parker, Edna Lucile.....	Music.....	.....	Athens
Parker, May Margaret.....	Music.....	.....	Athens
Parker, Sidney Lester.....	Eng.....	Jun.....	Athens
Parker, William Floyd.....	Eng.....	Fresh.....	Athens
Parry, Anna Gladys.....	Com'l.....	.....	Jackson
Patch, Eunice Fink.....	Com'l.....	Fresh.....	Bremen
Patton, Oma Jean.....	A. B.....	Fresh.....	New Rumley
Paugh, Charles Thomas.....	B. S.....	Soph.....	Coolville
Peoples, Helen Foster.....	Music.....	.....	Athens
Peoples, Mary Foster.....	Music.....	.....	Athens
Perry, Hazel Lucile.....	A. B.....	Fresh.....	Martin's Ferry
Peters, Harry Keith.....	Eng.....	Fresh.....	Toronto
Peugh, Earl Kemper.....	Eng.....	Fresh.....	Glouster
Phillips, Alice Alderman....	Music.....	.....	Athens
Phillips, Eleanor Primrose..	Music.....	.....	Athens
Phillips, Helen Marie.....	A. B.....	Soph.....	Hornell, N. Y.
Pickering, Anna Katherine..	A. B.....	Jun.....	Athens
Pickering, Gertrude Gardner	Special.....	.....	Athens
Pickering, James Theodore..	B. S.....	Soph.....	Athens
Pickering, Kenneth Harvey..	Music.....	.....	Athens
Pierce, Caroline Carleton...	Special.....	.....	Monmouth, Me.
Pierce, Harley.....	A. B.....	Fresh.....	Athens
Pilcher, Lois Teresa.....	A. B.....	Soph.....	McArthur
Pinney, Claud Charles,			
Mus. B.....	Special.....	.....	Arcade, N. Y.
Place, Jesse Alfred.....	A. B.....	Sen.....	Little Hocking
Pliley, Chauncey Ace.....	A. B.....	Jun.....	Jeffersonville

NAME	COURSE	RANK	ADDRESS
Porter, Allie Goddard	Music		Chauncey
Post, Harriet Grace	A. B.	Soph.	Washington C. H.
Poston, Mary	Music		Athens
Potts, Pearl Lucile	A. B.	Fresh	Athens
Powell, Newman Minnich	A. B.	Jun.	Coolville
Pratt, James Elmer	Com'l.		Athens
Preston, Fred Dix	A. B.	Soph.	Athens
Price, Anna Klostermeier	Special		Athens
Price, John Henry	B. S.	Fresh	Athens
Rambo, Florence Marie	A. B.	Jun.	Zanesville
Ramsey, Carl Ellis	Music		Athens
Rardin, Maie Addie	Music		Athens
Reed, Hazel Baker	A. B.	Sen.	Uhrichsville
Reed, Hazel Mae	Com'l.	Fresh	Piqua
Reese, George Adam	A. B.	Soph	Canton
Reeves, Chalmer H.	Music		Athens
Reeves, Sally Alston Quinby	Special		Warren
Reeves, Wilbur David	Com'l.	Fresh	Athens
Renshaw, Sam.	A. B.	Jun.	Sugar Grove
Reynolds, Beneva Elizabeth	Music		Nelsonville
Richards, Besse Estella	Music	Fresh	Glouster
Richards, Elsie Myrtle	A. B.	Soph.	Kokomo, Ind.
Richards, Jesta McDaniel	Music		Athens
Richards, John Conrad,			
B. S. in E.	B. S.	Sen.	Carrollton
Richeson, Marian Cromwell	Music		Athens
Riley, James Perry	A. B.	Soph.	Guysville
Rissler, Frederick Thomas	A. B.	Fresh	Lancaster
Roach, Bernice Maude	Music		Athens
Roach, Clarence Wayne	Music		Athens
Roach, Edith Marie	Music		Athens
Roach, Goldie Lee	Com'l.		Athens
Roach, Hazel Putnam	Music		Athens
Robinson, Lillian Gonzales	Special		Fargo, N. Dak.
Robinson, Maud Jane	Music		Institute, W. Va.
Robinson, Ward William	B. S.	Sen.	Bellville
Rodgers, Emma W.	A. B.	Fresh	New Lexington
Rodgers, John Nelson	A. B.	Soph.	New Lexington
Rosado, Enrique Ortego	B. S.	Fresh	Mayaguez, P. R.
Ross, Donald A.	Eng.	Soph.	Akron
Rossetter, Howard Monroe	Com'l.	Fresh	Athens
Rovner, Jacob	B. S.	Fresh	Cleveland
Rowan, Marie Gertrude	A. B.	Soph.	Hattiesburg, Miss
Rucker, Robert Elliott	A. B.	Jun.	Rappsburg
Rulon, Winifred Orea	A. B.	Fresh	Logan
Sayre, Arthur Alan	A. B.	Fresh	Athens
Sayre, Edgar Weaver	Eng.	Fresh	Letart Falls

NAME	COURSE	RANK	ADDRESS
Schaeffler, Charles Henry	A. B.	Jun	Athens
Schaeffler, Leo	Eng	Soph	Athens
Schettler, Pauline Henrietta	Com'l		Wellston
Schloss, Belle Elizabeth	A. B.	Soph	Athens
Scott, Edith	Music		Nelsonville
Scott, Emma J.	Com'l	Fresh	Spencer, W. Va.
Seibel, Elmer Herman	A. B.	Fresh	Monroeville
Selby, John D.	Music		Athens
Seward, J. Emrie	Eng	Fresh	Athens
Shafer, Eugene Earl	Music		Nelsonville
Shamansky, Harry Solomon	B. S.	Fresh	Nelsonville
Sherman, George Leslie	B. S.	Jun	Athens
Shields, Lydia Brooks	A. B.	Fresh	Crooksville
Shirkey, Della Miriam	Music		Jacksonville
Shively, Earl Cranston	A. B.	Soph	McArthur
Shively, Harold Hastings	A. B.	Sen	McArthur
Shuman, Minnie Viola	Com'l		Dillonvale
Silcott, Gordon Raymond	Com'l	Fresh	Nelsonville
Silvus, Effie	Music		Athens
Silvus, Catherine	A. B.	Soph	Athens
Sines, Mabel Alice	Music		Nelsonville
Skinner, Florence Esther	Music		Lancaster
Slaughter, Birdella			
Woodruff	Music		Athens
Smith, Albert Truman	A. B.	Soph	Big Plain
Smith, Carl Russell	Com'l	Fresh	McArthur
Smith, Francis Marion	Eng		Lancaster
Smith, Lena Violet	Music	Fresh	Moundsville, W. Va.
Smith, Sandy Alexander	Eng	Soph	Athens
Snider, Olie Elizabeth	Com'l		Somerset
Snyder, Earl Sidney	Com'l	Fresh	Edgerton
Sommer, Elsie Haas	Music		Athens
Spencer, Alice E.	Special		Zanesville
Sprague, Edna McGrath	A. B.	Soph	Athens
Sprague, Lenore Adalene	Music		Chauncey
Sprinkle, Goldie Leyshon	A. B.	Fresh	New Straitsville
Starr, Elma Vera	Music		Athens
Sternberger, Gertrude			
Elizabeth	Music		Jackson
Stewart, Charles Carroll	A. B.	Soph	Athens
Stickney, Bertha Stewart	Com'l	Soph	Athens
Stout, Percy Ray	B. S.	Sen	Stoutsville
Stratton, Mary Lee	Music		Nelsonville
Strawn, Goldie Mae	Music		Athens
Sutherland, David Lewis	Com'l	Soph	Washington C. H.
Sutphen, Helen Marie	Special		Thurston
Swartz, Lena Ada	A. B.	Soph	McArthur

NAME	COURSE	RANK	ADDRESS
Swinehart, Beulah Lucile	Music		Athens
Swinehart, Ruth	Music		Athens
Tannahill, Ethel Beatrice	A. B.	Fresh	Logan
Taylor, Olive May	Music		Athens
Taylor, Zera Gibson	Eng.	Soph.	Petrolia, Pa.
Terwilliger, Leda Marghereta	A. B.	Fresh	Spirit Lake, Iowa
Thomas, Marianna Jones	Music		Jackson
Thomas, Susan Mildred	A. B.	Fresh	Portsmouth
Thompson, Gladys May	Com'l.	Fresh	Dunglen
Thurlow, Genevieve Baker	Music		Athens
Tilley, Margaret L.	Special		Traverse City, Mich.
Trout, Marion	Music		Nelsonville
Tsui, Wellington Kom Tong	A. B.	Sen.	Canton, China
Ulmer, Fred Arthur	B. S.	Soph.	Athens
Utrup, August George	Eng.	Soph.	Glandorf
Van Gundy,			
Clarence William	Eng.	Soph.	Chillicothe
Van Pelt, Wayne	A. B.	Fresh	Highland
Van Valey, Edwin Glazier	Music		Athens
Van Valey, Gladys Lucile	Music	Soph.	Athens
Vercoe, Cephas Louis	Music		Athens
Vianna, Luiz de Lima	Eng.	Fresh	Itajuba, Brazil
Voigt, Eugene John	B. S.	Sen.	Holgate
Von Riethdorf, Frederick			
Edward	Music		Athens
Wade, Lelia Lurene	Com'l.		Millfield
Wagner, Mary Emma	A. B.	Soph.	Dennison
Walden, Blanche Leota	A. B.	Fresh	Athens
Walker, Lillian May	Music		Bruin, Pa.
Warner, Leslie Elliott	Eng.	Soph.	New Haven, Conn.
Warner, Nora Teresa	Special		Oreton
Warrener, Mary Estella	A. B.	Soph.	Athens
Warrener, William John	Music		Athens
Watkins, Charles	Com'l.		Luhrig
Weaver, Helen	Music		Racine
Webb, Carol Castor	Com'l.	Fresh	Albany
Webb, John Lester	Eng.	Fresh	Carbon Hill
Webber, Robert Grover	B. S.	Sen.	Sistersville, W. Va.
Webster, Frances Elizabeth	Music		Athens
Wee, Choon Sean	Com'l.		Padang, Sumatra
Weist, Albert Harold	A. B.	Soph.	Campbellstown
Wendt, Ruth Lois	Music		Athens
West, Flora Kathleen	A. B.	Sen.	Bainbridge
Wheaton, Elizabeth Hallie	Music		Lancaster
Whiston, Wilbur Harry	A. B.	Soph.	Bremen

NAME	COURSE	RANK	ADDRESS
White, James Henry	B. S.	Sen.	Chandlersville
White, Lizzie Gertrude	Com'l.		Athens
Wilkes, Marie Carsonia	Music		Athens
Williams, Gwilym I.	Eng.	Fresh.	Glouster
Williams, Isa Virginia	Special		Athens
Williams, Mary M.	Music		Athens
Williams, Reese Edgar	Eng.	Soph.	Glouster
Williams, Roger Eugene	Music		Athens
Williams, Ruth Vivian	Music		Portsmouth
Williams, Winifred Lelia	Special		Athens
Williamson, Edna Bell	Special		Athens
Willis, Helen Bauhof	A. B.	Soph.	Canton
Wilson, Carl Henry	B. S.	Soph.	Conneaut
Wilson, Charles Herbert	Com'l.		Athens
Wilson, Elva Ruth	A. B.	Soph.	Washington C. H.
Wilson, Florence Craig,			
Ph. B.	Music		Athens
Wilson, Harry Clifford	A. B.	Soph.	Athens
Wilson, Harry Reynolds	Eng.	Soph.	New Martinsville, W Va.
Winter, George Wilson	Com'l.	Soph.	Crooksville
Winter, Hazel	A. B.	Fresh.	Crooksville
Wolfe, Blanche Philene	A. B.	Sen.	Athens
Wolfe, Byron Armstrong	A. B.	Fresh	Athens
Wolfe, Forrest Eugenia	Music		Nelsonville
Wood, Alice Mary	Special		Pomeroy
Wood, Austin Vorhes	B. S.	Soph.	Athens
Wood, Ernest Richard	Special		Albany
Woodruff, Hollie Kenneth	Com'l.		Athens
Woods, Olah Angell Hooper	Music		Athens
Woolley, Celia Louise	Music		Athens
Wyatt, Bessie Madge	Music		Athens
Yauger, Harry Thomas	A. B.	Soph.	New Lexington
Yoakem, Foster Mendenhall	Eng.	Soph.	Vigo
Young, Fred McClinic	Com'l.	Soph.	Mt. Sterling
Young, Herman H.	A. B.	Sen.	Mogadore
Zenner, David Roe	A. B.	Fresh.	Athens
Zimand, Elizabeth Sara	A. B.	Sen.	Brooklyn, N. Y.

STATE NORMAL COLLEGE

POST-GRADUATE STUDENTS STUDYING FOR A DEGREE

Comstock, Joseph Hooker, A. B.....	Athens
Dunlap, Oscar Ellsworth, B. S. in E.....	Flushing
Landsittel, Frederick Conrad, B. Ped.....	Athens
Marriott, John Coleman, A. B.....	Athens
Skinner, Beverly Oden, Ph. B.....	Athens

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CLASS OF 1912

Andrews, Adda May, Ph. B.....	Glouster
Bartlett, Gertrude.....	Sonora
Cable, William Ransom.....	Athens
Duga, Nettie Sara.....	Bellaire
Dunlap, Oscar Ellsworth.....	Flushing
Elson, Delma Viola, Ph. B.....	Athens
Erf, George Arthur, B. S.....	Monroeville
Evans, Amy Cole.....	Portsmouth
Hickox, Jay Gilmore.....	Novelty
Howell, Mabel Roxy, Ph. B.....	McArthur
Jefferis, Eulalia, A. B.....	Wilmington
Lively, Ora Clyde, A. B.....	Wellston
McCormick, Edith McMinn.....	Youngstown
McLean, Mary Elizabeth, A. B.....	East Liverpool
Morris, Leota Blanche.....	Harrisville
Morris, Mary Jane.....	Magrew
Nixon, Ernest Leland.....	New Plymouth
Norris, George Newton.....	Athens
Patterson, Anna Gail.....	Shadyside
Richards, John Conrad.....	Carrollton
Richards, John Roy, A. B.....	Zanesville

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UNDER GRADUATES

NAME	RANK	ADDRESS
Adams, Clara Angeline.....	Jun.	Utica
Aiken, Edith Caroline.....	Fresh	Jewett
Alexander, Rosanna Blanche.....	Soph.	Haverhill
Andrews, Florence Eva.....	Fresh	Glouster
Armstrong, Ruth.....	Soph.	Logan
Atkinson, Zillah Fern, A. B.....	Sen.	Zanesville
Bacon, Isabelle Elizabeth.....	Fresh	Vernon

NAME	RANK	ADDRESS
Bailey, Laura Belle.....	Special.....	Athens
Baker, Alpha Mae.....	Fresh.....	Amherst
Baker, Esther Viola.....	Soph.....	Amherst
Baker, Lillian Virginia.....	Soph.....	Amherst
Barnett, Herbert Newton.....	Special.....	Hartley, W. Va.
Bateman, Grace.....	Soph.....	Fredericktown
Baum, Effie Brown.....	Fresh.....	Bourneville
Bay, Josephine Elizabeth.....	Fresh.....	New Plymouth
Bayley, Annia May.....	Fresh.....	Elyria
Bean, George Clyde.....	Fresh.....	Albany
Beatty, Annie Isabel.....	Soph.....	Youngstown
Beckley, Carrie Ethel.....	Fresh.....	McArthur
Bell, Georgia S.....	Special.....	Rainsboro
Biedel, Grace Mayfred.....	Fresh.....	Waterford
Bishop, Lena Marie.....	Fresh.....	North Lewisburg
Blake, Mary Rebecca.....	Soph.....	Nelsonville
Blizzard, Alpheus W.....	Sen.....	Basil
Blumenthal, William Raphael.....	Jun.....	Cleveland
Boelzner, Lena Ellen.....	Soph.....	Athens
Bonawit, Vernice Luella.....	Special.....	Rising Sun
Boyles, Ethel Vida.....	Senior.....	North Lewisburg
Brackin, Marian Blanche.....	Soph.....	Kinsman
Braden, Alma Doris.....	Jun.....	Knightstown, Ind.
Brisson, Maud Lauretta.....	Soph.....	West Gore, N. S.
Britch, Hazel Dell.....	Special.....	Lancaster
Brown, Florence Marie.....	Fresh.....	Jackson
Brown, Rose Ora.....	Fresh.....	Kelley's Island
Browning, Nina Mae.....	Soph.....	Steubenville
Burns, Edna Primrose.....	Soph.....	McArthur
Burns, Loretta Virginia.....	Soph.....	Cleveland
Burriss, Mary Esther.....	Soph.....	Mt. Pleasant
Burson, Stanley Lamar.....	Special.....	Arlington
Buxton, Bertha Edith.....	Soph.....	Athens
Bye, Mary Lenore.....	Fresh.....	Negley
Cameron, Olive Lucile.....	Fresh.....	Athens
Carpenter, Edith Marie.....	Soph.....	Athens
Carter, Ethel Marie.....	Fresh.....	Nelsonville
Cassell, Anna Mae.....	Special.....	McArthur
Chase, Mae Weltha.....	Soph.....	Mingo Junction
Christman, Gladys Fantine.....	Fresh.....	Waterville
Clark, Leona Elizabeth.....	Soph.....	Chicago
Clifton, John Leroy.....	Sen.....	Columbus
Clohs, Cora May.....	Fresh.....	Marietta
Cochran, Fannie Helena.....	Jun.....	Dresden
Coe, Mabel Mae.....	Fresh.....	Albany
Coleman, Helen Louise.....	Jun.....	Rainsboro
Colley, Clara Celia.....	Soph.....	Freeport

NAME	RANK	ADDRESS
Collins, Anastasia Teresa.....	Fresh.....	Athens
Connett, Elizabeth Brown.....	Soph.....	Athens
Connors, Anna Alexis.....	Soph.....	Salem
Cooley, Georgia Scott.....	Soph.....	Athens
Cooper, Edna Catherine.....	Fresh.....	Youngstown
Corbett, Amma Rose.....	Soph.....	Hudson
Corner, Dayton Orrin.....	Fresh.....	Waterford
Coulter, Lewis Eldon.....	Sen.....	Oil City, Pa.
Covert, Ruth Elizabeth.....	Fresh.....	Syracuse
Cowden, Laura Jane.....	Fresh.....	Gustavus
Cox, Sarah Anne.....	Soph.....	Chillicothe
Cranmer, Lucy Aretha.....	Sen.....	Athens
Crooks, Hazel Marie.....	Fresh.....	McArthur
Curry, Bess Mitchell.....	Fresh.....	Columbus
Curry, Edith.....	Soph.....	East Palestine
Curtiss, Ada Blanche.....	Fresh.....	Twinsburg
Danford, Gladys Allen.....	Soph.....	Glouster
Davis, Kathryn Grace.....	Soph.....	Youngstown
De Lancey, Elsie Eleta.....	Fresh.....	Shiloh
Dickson, Amy Agnes.....	Soph.....	Bartlett
Diehl, Lonedith.....	Soph.....	Hicksville
Dodd, Annie Leora.....	Special.....	Frost
Dodd, Samuel Wilbur.....	Special.....	Frost
Dodds, Marie Louise.....	Fresh.....	Cleveland
Donaldson, Katherine Ruth.....	Fresh.....	Pittsburg, Pa.
Dowd, Jennie Frances.....	Sen.....	McArthur
Dowd, Olive Gertrude.....	Soph.....	McArthur
Drake, Goldie Jean.....	Fresh.....	Athens
Druggan, Elizabeth.....	Special.....	Athens
Duckwall, Grace.....	Fresh.....	Hillsboro
Dye, Marian Rebecca.....	Jun.....	Hamden
Eby, Mary Floy.....	Fresh.....	Ashland
Eddy, Mildred Arline.....	Fresh.....	Athens
Edwards, Helen Estelle.....	Fresh.....	Ashtabula
Elhoff, Lena C.....	Special.....	Stockdale
Elliott, Mary.....	Special.....	Hillsboro
Entsminger, Elsie.....	Fresh.....	Middleport
Ewers, Lela Arminda.....	Fresh.....	Fredericktown
Fawcett, Shirley Minerva.....	Fresh.....	Wellsville
Figley, Alice Evelyn.....	Soph.....	Chillicothe
Finney, Florence Georgianna.....	Soph.....	McArthur
Finsterwald, Nell.....	Special.....	Athens
Fishel, Florence Beryl.....	Jun.....	Pleasant City
Fisher, Charles Richard.....	Fresh.....	Warren
Fisher, Deborah Marguerite.....	Special.....	Warren
Fisher, Lillian Minerva.....	Special.....	Warren
Flegel, Edna Elizabeth, Ph. B.....	Special.....	Athens

NAME	RANK	ADDRESS
Fleming, Maud Alice.....	Soph.....	Geneva
Flesher, Vashti Pauline.....	Fresh.....	Middleport
Floyd, Clara Mae.....	Fresh.....	Lancaster
Floyd, Kathleen Elizabeth.....	Fresh.....	Lancaster
Forbes, Jennie Allison.....	Fresh.....	Ashtabula
Fox, Marguerite Josephine.....	Fresh.....	Smithfield
Friedel, Elmer Kirk.....	Jun.....	Medina
Gaffner, Millie.....	Soph.....	Trenton, Ill.
Galehouse, Ethel May.....	Fresh.....	Doylestown
Gaskill, Pearley.....	Special.....	Athens
Gee, Florence Elizabeth.....	Soph.....	Kinsman
Gill, Myrtle Eulala.....	Soph.....	Youngstown
Gillespie, Lelia Catherine.....	Soph.....	Lancaster
Ginnan, Mary Ellen.....	Jun.....	Athens
Grafton, Winifred Jaymes.....	Fresh.....	Adena
Greisheimer, Essie Maud.....	Jun.....	Chillicothe
Griffin, Leah.....	Fresh.....	Coolville
Grimes, John Odus.....	Sen.....	Athens
Gross, Haidee Coral.....	Soph.....	West Unity
Grove, Grace Marie.....	Fresh.....	Newark
Guthery, Avis Marie.....	Fresh.....	La Rue
Guthery, Lois Mayme.....	Fresh.....	La Rue
Hall, Lua.....	Fresh.....	Andover
Hall, Ruth Eleanor.....	Soph.....	Pierpont
Halsema, Elizabeth Agnes.....	Soph.....	New Bremen
Halt, Louise Fredericka.....	Soph.....	Youngstown
Hanna, Mary Isabel.....	Sen.....	Cadiz
Hanna, Sarah Frances.....	Fresh.....	Cadiz
Harden, Carrie Ellen.....	Jun.....	Dennison
Hardin, Edith Lucretia.....	Fresh.....	Gambier
Hardin, Winifred Daisy.....	Fresh.....	Gambier
Harding, Helen Adair.....	Fresh.....	Windham
Harris, Isabel.....	Fresh.....	Lancaster
Harrod, Esther Lillian.....	Fresh.....	South Charleston
Harrod, Florence Ada.....	Fresh.....	South Charleston
Hawk, Bessie Alice.....	Sen.....	Canal Dover
Hayes, Clara Genevieve.....	Fresh.....	Athens
Hayes, Winifred Alice.....	Fresh.....	Guysville
Heald, Hattie Estelle.....	Soph.....	Cutler
Hedges, Effie Harper.....	Jun.....	Cadiz
Heidlebaugh, Newton Byron Shaw.....	Sen.....	Port Clinton
Hemphill, Winona.....	Soph.....	Copley
Henry, Virgene Woodworth.....	Soph.....	Athens
Herb, Margaret Grace.....	Soph.....	Steubenville
Herbert, Kathrynne Anne.....	Fresh.....	Cleveland
Herrold, Daisy Irene.....	Soph.....	Nelsonville
Hesse, Edna Fern.....	Special.....	Roseville

NAME	RANK	ADDRESS
Hickman, Erma Corea.....	Fresh.....	Reynoldsburg
Hickox, Edna Eliza.....	Soph.....	Novelty
Hite, Ada Florence.....	Fresh.....	Thornville
Hizey, Alice Carey.....	Fresh.....	Pickerington
Hodges, Gladys Florence.....	Fresh.....	Mt. Sterling
Hoge, Ermina Blanche.....	Soph.....	Bethesda
Hollingshead, Nellie May.....	Special.....	Jackson
Horton, Eunice Adaline.....	Soph.....	Lockwood
Horton, Minnie Helena.....	Fresh.....	Lockwood
Humphrey, Iva May.....	Soph.....	Waterford
Hunt, Hazel Elizabeth.....	Jun.....	Somerset
Hunt, Helen Elizabeth.....	Soph.....	Warren
Irwin, Margaret Mabel.....	Fresh.....	Welchfield
Jackson, Frederick Augustus.....	Fresh.....	Woodsfield
Jacoby, George William.....	Special.....	Byesville
James, Margarette Elizabeth.....	Fresh.....	Steubenville
Johnson, Alice Grace.....	Soph.....	Sharon Center
Johnson, Effie May.....	Special.....	Portsmouth
Jones, Alfred Crittenden.....	Special.....	Glenroy
Jones, Ann Matilda.....	Soph.....	Canton
Jones, Anna Maud.....	Fresh.....	Jackson
Jones, Katherine.....	Special.....	Crooksville
Jones, Ruth Elizabeth.....	Fresh.....	South Charleston
Kahler, Margaret Katherine.....	Soph.....	Conneaut
Karr, Edna Juliet.....	Soph.....	Kinsman
Katzenbach, Iva Lorea.....	Soph.....	Nelsonville
Kelly, Lu Verne.....	Soph.....	St. Marys
King, Dana M.....	Special.....	Glenford
King, Edward Riley.....	Jun.....	Creolo
King, Martha Lee.....	Fresh.....	Marietta
Kinsey, Bertha Lee.....	Fresh.....	New Philadelphia
Kirkbride, Wanda.....	Fresh.....	New Matamoras
Kiser, Mary Arvesta.....	Soph.....	Piqua
Knecht, Fannie Evangeline.....	Soph.....	Lancaster
Knoll, Elsie Leota.....	Soph.....	Alliance
Knoll, Zella Elizabeth.....	Soph.....	Alliance
Kobs, Linda Eva.....	Fresh.....	Vermillion
Kochheiser, Freda Hazel.....	Soph.....	Bellville
Koons, Lena Imogene.....	Soph.....	Athens
Krapps, Zelma Katherine.....	Sen.....	Athens
Lange, Mayme Martha.....	Fresh.....	Salineville
Lantz, Dena Merle.....	Soph.....	McArthur
Lavine, Anna Claire.....	Fresh.....	Steubenville
Lawlor, Eunice Marie.....	Fresh.....	Youngstown
Lee, Velma.....	Soph.....	Greenwich
Lehman, Samuel George.....	Fresh.....	Ney
Lewis, Lu Berenice.....	Soph.....	Rushville

NAME	RANK	ADDRESS
Liddell, Mary Iras.....	Soph.....	Shiloh
Lindsay, Ida Alice.....	Fresh.....	Gnadenhutzen
Linville, Joshua Carl.....	Fresh.....	Junction City
Livingston, Lena.....	Fresh.....	Hamersville
Long, Bernice Olive.....	Fresh.....	Mt. Vernon
Long, Blanche Lois.....	Fresh.....	Mt. Vernon
Lovell, Mary Katharyn.....	Special.....	Mountville
Lowry, Rena Ruth.....	Jun.....	Zanesville
Lu, Mau Deh.....	Soph.....	Tsinanfu, China
Lumley, Ethel.....	Soph.....	Rootstown
Luntz, Nelle Marie.....	Fresh.....	Steubenville
McAuslan, Frances May.....	Fresh.....	Centerburg
McCague, Ada Brown.....	Fresh.....	Norwalk
McCarroll, Gertrude Rose.....	Fresh.....	Steubenville
McDonald, Flora Vista.....	Soph.....	McConnelsville
McGinniss, Tirzah.....	Soph.....	Zanesville
McKelvey, Augusta Bess.....	Fresh.....	Fredericksburg
McLaughlin, George Everett.....	Special.....	Athens
McMillen, Mary Edith.....	Soph.....	Youngstown
McNaughton, James Edgar.....	Jun.....	South Webster
McVay, Francis Halbert.....	Sen.....	Athens
Magrew, Pearl Burnham.....	Fresh.....	Magrew
Mardis, Myrtle.....	Soph.....	Columbus
Mariner, Genevieve.....	Fresh.....	Youngstown
Meikle, Elsie Mae.....	Soph.....	Kinsman
Merry, Susan Isabella.....	Soph.....	Caldwell
Metcalf, James Henry.....	Fresh.....	Millersburg
Miesse, Florence Marguerite.....	Jun.....	Chillicothe
Miller, Frances Mary.....	Fresh.....	Kelley's Island
Miller, Helen Elizabeth.....	Soph.....	Mingo Junction
Miller, Mildred Annette.....	Fresh.....	Millersport
Miller, Sarah Josephine.....	Fresh.....	Greenwich
Moore, Enned May.....	Special.....	Cumberland
Moore, Frances Elizabeth.....	Fresh.....	Carrollton
Moore, Margaret Elizabeth.....	Soph.....	Martin's Ferry
Morris, Edward Armstrong.....	Soph.....	Highland
Morris, Helen.....	Fresh.....	Cutler
Morris, Margaret Martina.....	Soph.....	Magrew
Morris, Nellie Abigail.....	Fresh.....	Magrew
Morton, Robert Lee.....	Sen.....	Brownsville
Mowrey, Etta Floy.....	Soph.....	Laurelville
Mullane, Bess.....	Soph.....	Youngstown
Murphy, Marian Elizabeth.....	Fresh.....	Steubenville
Nelson, Alice Gertrude.....	Soph.....	Bellaire
Nelson, Florence Elizabeth.....	Fresh.....	Athens
Nesbett, Mabel Allyne.....	Soph.....	Grafton
O'Connor, Delia.....	Soph.....	Alice

NAME	RANK	ADDRESS
O'Rourke, Sarah.....	Soph.....	Warren
Ogan, Margaret Louise, A. B.....	Special.....	McArthur
Osborne, Elva Faye.....	Soph.....	Huron
Ostermayer, Matilda.....	Sen.....	Canton
Park, Mary Edith.....	Fresh.....	Warren
Parks, Sarah Isabelle.....	Soph.....	Cadiz
Parsons, John Cassius.....	Fresh.....	Phoneton
Pearce, Lois Gail.....	Fresh.....	McArthur
Pease, Carrie De Ette.....	Fresh.....	Wellington
Pelley, Lura.....	Soph.....	Mingo Junction
Penrose, Viola Mae.....	Fresh.....	Pennsville
Perry, Louise Rebecca.....	Special.....	Nelsonville
Peters, Edith McKnight.....	Soph.....	Mt. Gilead
Peters, Emma Ault.....	Fresh.....	Toronto
Petty, Blanche.....	Fresh.....	Rockland
Phillips, Mary Leat.....	Soph.....	Athens
Pickett, Helen Emma.....	Soph.....	Athens
Pilcher, Ada Rebecca.....	Soph.....	McArthur
Pipes, Mabel Florence.....	Fresh.....	Fulton
Pittinger, Margaret Grace.....	Fresh.....	Toronto
Plough, Edna May.....	Fresh.....	Greenwich
Polk, Julia Mooreman.....	Soph.....	New Vienna
Pond, Walter Allen, A.B.....	Sen.....	Linworth
Porter, Anna Laura.....	Fresh.....	Plattsburg
Potts, Carl Grady.....	Fresh.....	Athens
Potts, Clarence McNatt.....	Fresh.....	Athens
Power, Eva Inez.....	Soph.....	Nelsonville
Putnam, Susan Mildred.....	Soph.....	Athens
Rang, Lavinia Mary.....	Soph.....	Chicago
Reeves, Mary Alston.....	Fresh.....	Warren
Reeves, Mary Elizabeth.....	Fresh.....	New Burlington
Reeves, Olive Marie.....	Fresh.....	Shade
Reisling, Susanna Ferguson.....	Soph.....	Mingo Junction
Reiter, Lula Wilhelmina.....	Soph.....	Marietta
Reynolds, Claire Lucile.....	Soph.....	Oberlin
Reynolds, Lydia Emma.....	Fresh.....	Martin's Ferry
Richards, Edward Ray.....	Sen.....	Zanesville
Ricketts, Carrie Edith.....	Sen.....	Sugar Grove
Riley, Walter Emmett.....	Sen.....	Athens
Robens, Olive Alexander.....	Fresh.....	Chagrin Falls
Robinson, Anna Elizabeth.....	Jun.....	Newark
Robinson, Blanche.....	Soph.....	Bidwell
Rogers, Ruth Estelle.....	Soph.....	Amherst
Rogers, Thomas H.....	Sen.....	Mason
Romig, Ruth Lucile.....	Soph.....	Uhrichsville
Rood, Orrell Louise.....	Fresh.....	Chagrin Falls
Root, Alexander.....	Sen.....	Frost

NAME	RANK	ADDRESS
Rossell, Olive Elizabeth.....	Fresh.....	East Palestine
Rounds, Charles Rufus.....	Sen.....	Cincinnati
Rowe, Clara Forest.....	Fresh.....	Portsmouth
Russell, Waldo Witman.....	Special.....	Beaver
Rutledge, Ethel Cora.....	Soph.....	Williamsfield
Rutledge, Mamie Lizbeth.....	Special.....	Williamsfield
Schadle, Lula Estelle.....	Special.....	Frankfort
Schaefer, William G.....	Special.....	Amherst
Schleicher, Henrietta Moorehead.....	Fresh.....	Lancaster
Schmalzle, Frieda Marguerite.....	Soph.....	Twinsburg
Schofield, Blanche Edith.....	Fresh.....	Chesterhill
Secoy, Ina Leona.....	Fresh.....	Athens
Shadduck, Edith Leanna.....	Jun.....	Sandusky
Shafer, Samuel Sullivan.....	Soph.....	Athens
Sharp, Helen Crew.....	Fresh.....	Cadiz
Sheldon, Jessye Dee.....	Fresh.....	Waterford
Shira, Katherine Loos.....	Soph.....	La Rue
Shuman, Mary Ethel.....	Jun.....	Dillonvale
Shupe, Nellie Gertrude.....	Soph.....	Kingston
Sigler, Adah Ellen.....	Fresh.....	Cortland
Skinner, Charles Edward.....	Jun.....	Newark
Smedley, Margaret Gertrude.....	Fresh.....	Youngstown
Smith, Eva Marie.....	Fresh.....	Athens
Smith, Louise Ethel.....	Soph.....	Toronto, Canada
Smith, Thomas Maynard, Ph. B.....	Sen.....	Zanesville
Sommers, Sara Edna.....	Fresh.....	Bourneville
Southard, Florence Ethel.....	Fresh.....	West Mansfield
Spohn, Burrell Blakeney.....	Jun.....	Athens
Spracklen, Arloa Janiza.....	Special.....	Kenton
Sprowl, Zoe Lenore	Fresh.....	Huron
Squier, Ermine Inez.....	Soph.....	Youngstown
Stage, John Edward.....	Fresh.....	Lancaster
Stage, William Addison.....	Sen.....	Lancaster
Steele, Alice Blanche.....	Soph.....	Jackson
Stevens, Frances Folsom.....	Fresh.....	Newark
Stewart, Mary Agnes.....	Special.....	Ironton
Stokes, Nellie Faye.....	Special.....	Pennsville
Stout, Maud Irma.....	Soph.....	West Liberty
Strausbaugh, Elsie May.....	Soph.....	Cadiz
Strong, Jessie Belle.....	Fresh.....	Fredericktown
Strong, Ola Adelaide.....	Soph.....	Berlin Center
Swan, Basha Edna.....	Soph.....	Athens
Swartz, Clara Bernice.....	Fresh.....	McArthur
Taylor, Esther Marcella.....	Soph.....	McArthur
Terrell, Lillian Esther.....	Soph.....	New Vienna
Thomas, Anna Belle.....	Fresh.....	Zanesville
Thomas, Della Lee.....	Fresh.....	Kirkersville

NAME	RANK	ADDRESS
Thomas, Gladys Ione	Soph.....	Chesterhill
Thomas, Nettie.....	Jun.....	Kirkersville
Tom, Fred Lee.....	Jun.....	New Concord
Tresham, Jessie May.....	Soph.....	Harrisville
Tyler, Miriam Virginia.....	Special.....	Clarrington
Valentine, Mary Winifred.....	Soph.....	Lancaster
Van Dorn, Lena Matilda.....	Fresh.....	Pataskala
Van Scoyoc, Le Vaughn Grace.....	Fresh	Williamsfield
Van Tilburg, Gladys Esther.....	Special	Empire
Van Winkle, Edwin C.....	Sen.....	Cincinnati
Vanderslice, Marie		
Llewellyn, A. B., Ph. B.....	Sen.....	Athens
Vertner, Ambrose Burnside.....	Special	Unionopolis
Vester, Clara Elizabeth.....	Special.....	Chillicothe
Vincent, Elsie Vere	Fresh.....	Van Wert
Wade, Ilda Marie.....	Soph.....	Cleveland
Walker, Jessie Murray.....	Soph.....	Zanesville
Walls, Callie King, B. S.....	Sen.....	Cincinnati
Walpole, Branson Alva.....	Fresh	Malta
Ward, Mary.....	Fresh	Athens
Ward, Theron William.....	Soph	Athens
Ware, Anna Marie.....	Fresh	Frankfort
Warner, Mary Eva	Fresh.....	Andover
Webb, Wesley Howe.....	Soph	Athens
Weber, Maud Antoinette	Fresh.....	Dexter City
Webster, Lee Alpha.....	Special.....	Coolville
Wenrick, Key Elizabeth.....	Sen.....	Canton
White, Eliza Lorena.....	Fresh.....	Chandlersville
Whittlesey, Nola Cole.....	Fresh.....	Atwater
Wilkes, Inez Grace.....	Special.....	Chadbourne, N.C.
Willerton, Mabel Arella.....	Soph.....	Bellaire
Williams, Edith Chenoweth.....	Fresh.....	New Cumberland
Williams, Effie Maude.....	Fresh.....	Sharpsburg
Willis, Irma.....	Fresh	Canton
Winn, Mabel Elizabeth.....	Jun	Rutland
Winters, Alice Frances.....	Fresh.....	Athens
Wolcott, Marion	Sen.....	Greenwich
Wonders, Jessie May.....	Soph.....	Warren
Wood, Cary C.....	Special.....	Highland
Woodruff, Myrtle.....	Soph	North Fairfield
Wyeth, Cleo Dee.....	Soph.....	Johnstown
Young, Harry Curtis.....	Sen.....	Millersburg

STATE PREPARATORY SCHOOL

All students taking work leading to collegiate courses are enrolled here.

NAME	YEAR	ADDRESS
Adrian, Emma.....	Second.....	Bloomington
Albright, Edward Emil.....	Fourth.....	New Holland
Albright, John Grover.....	Fourth.....	Athens
Aiden, May Lois.....	First.....	Long Bottom
Alfred, Theodore.....	Third.....	Lancaster
Allen, Richard Ray.....	Third.....	Letart Falls
Amerine, Arthur Truman.....	Third.....	Creola
Ayers, Bessie.....	Third.....	Gambier
Balderson, Mary Emily.....	Fourth.....	Amesville
Ball, Ethel May.....	First.....	Hocking
Barnes, Lenora Esther.....	Third.....	Radeliff
Barnhill, Amy Gertrude.....	Second.....	Guysville
Barnhill, Lulu Anna.....	Second.....	Guysville
Barrows, Golda Irene.....	Fourth.....	Athens
Bean, Luta Lucile.....	Fourth.....	Guysville
Bean, Nellie Dora.....	First.....	Athens
Bell, Arl Mary.....	Third.....	Athens
Bell, Enid Rose.....	Fourth.....	Jacksonville
Bender, Jacob Roy.....	Second.....	Uhrichsville
Beshore, Dora Alice.....	Fourth.....	Mingo Junction
Biddle, Benjamin Harrison.....	Fourth.....	Athens
Biggins, Lenna Glendora.....	Second.....	Canaanville
Bobo, Ethel Frances.....	Third.....	Athens
Bobo, Octa Faye.....	First.....	Athens
Bouts, John Harry.....	Third.....	South Webster
Brown, Mabel Lucile.....	Fourth.....	Agosta
Burgoon, John Alden.....	Third.....	Memphis, Mo.
Burson, Lucile Coe.....	Fourth.....	Athens
Burson, Walter Coe.....	Third.....	Athens
Burt, William Everett.....	Fourth.....	New Marshfield
Burton, Otis Austin.....	Second.....	Leesburg
Busch, Lois R.....	First.....	Stewart
Caldwell, John Henry.....	Third.....	Guysville
Case, Hazel Minnie.....	Second.....	Croton
Casley, Nona E.....	Third.....	Athens
Chapman, Clarence Orton.....	Second.....	Dexter
Chase, Don Edwin.....	Fourth.....	Athens
Chubb, Catherine Downer.....	Third.....	Athens
Clark, Cecile Wilma.....	Third.....	Athens
Clark, Wooster Thomas.....	Third.....	Steubenville
Cledenin, William Everett.....	Third.....	Monday

NAME	YEAR	ADDRESS
Courtright, Leona Effie.....	Third.....	Lancaster
Couture, Nettie Florence.....	Fourth.....	Haskins
Craig, George Ludlow.....	Second.....	Wallingford, Conn.
Cripps, Raymond Fields.....	Fourth.....	Athens
Crumley, Martha Mildred.....	Second.....	Athens
Cullum, William Price.....	First.....	Athens
Davis, Chester Francis.....	Third.....	Glouster
Dempsey, Estel.....	Second.....	Ray
Denney, Eva Edith.....	Second.....	Lancaster
Donaldson, Arthur Earl.....	First.....	Amesville
Donley, Gerard Vernon.....	Second.....	Nelsonville
Donovan, John Paul.....	Second.....	Chillicothe
Dunham, Lewis Wills.....	Second.....	Versailles
Durant, Gladys Fern.....	Second.....	Guysville
Dutton, Clarence Edwin.....	Third.....	Hockingport
England, Osie.....	Fourth.....	Chillicothe
Feiock, Edward Clement.....	Third.....	Lewisville
Feiock, Erma Rea.....	Second.....	Lewisville
Finsterwald, Elmer.....	First.....	Athens
Flegal, Jay Carl.....	Fourth.....	Athens
Floyd, Homer Samuel.....	Second.....	South Perry
Frampton, Edgar Clark.....	Third.....	Creola
Garvin, Thomas Edgar.....	Third.....	Evansville, Ind.
Gilbreath, Earl Mason.....	First.....	Marion
Gillilan, Lurene.....	Fourth.....	Amesville
Gillilan, Ruth Clare.....	Fourth.....	Salt Lake, Utah.
Gordon, Burdell.....	Second.....	Beaver
Graves, Harold Charles.....	Second.....	Anderson
Grethen, John Peter.....	Third.....	Cohoes, N. Y.
Griffin, Hazel May.....	Fourth.....	Alfred
Griffin, Homer Glenn.....	Fourth.....	Sherodsville
Grimes, Loren Ervin.....	Fourth.....	Cumberland
Grover, Lewis Raymond.....	Fourth.....	Bidwell
Hall, Bernice Claire.....	Second.....	Wilkesville
Hammond, Albert.....	First.....	Beaver
Hammond, Carrie Thorne.....	Second.....	Milan
Hanesworth, Bertha Ellen.....	First.....	Creola
Hansen, Jennie Rosalyn.....	Fourth.....	Bellevue
Harris, Ralph Vernon.....	First.....	Canal Winchester
Hart, Virrel Miles.....	Third.....	Cambridge
Hartsel, Floyd Campbell.....	Third.....	Polk
Hemphill, Roberta May.....	Fourth.....	Copley
Henry, Alice Minerva.....	Third.....	Athens
Hewitt, Bessie May.....	Third.....	New Marshfield
Hewitt, Milo Ephraim.....	Fourth.....	New Marshfield
Higley, Brewster Shott.....	Fourth.....	Athens
Hill, Bretta Taylor.....	Third.....	Vanatta

NAME	YEAR	ADDRESS
Hill, Clyde Gilman	Third	Wheeling, W. Va.
Hinchman, George Doran	First	Logan, W. Va.
Hoover, Benjamin Franklin	Third	New Salem
Horton, Estella Florence	Third	Oak Hill
Howard, Clarence Edward	Second	Athens
Hurd, Bertha Opal	Third	Laings
Hutchinson, Olive	Second	Carbon Hill
Jackson, Ole Cleveland	Third	Woodsfield
Johnson, Laura Faye	Second	Athens
Johnson, Parker Llewellyn	Second	Vincent
Kerns, Paul Horsman	Fourth	Leesburg
Lanning, Pearl	Third	Rutland
Laverty, Jamie Adam	Fourth	Athens
Leete, Constance Grosvenor	Fourth	Athens
Leive, Linnie Florence	Second	South Webster
Lim, Wee Kim	Fourth	Bencoolen, Sumatra
Long, Houston David	Second	Urbana
Lortz, Jessie Hazel	Fourth	Amesville
Lovell, Hazel Josephine	Third	Mountville
Ludwick, Audra Maria	Third	Stewart
McAllister, Matilda	First	Carbon Hill
McCleery, Laura Helen	Third	Lancaster
McCormick, Nellie Louise	Second	Tiffin
McCray, Mary Ivalee	First	Greenfield
McCreary, Melvin Leslie	Second	Freeport
McCurdy, Jessie L.	Fourth	New Philadelphia
McLaughlin, George Ephraim	Second	Wilkesville
Marquis, Carroll Basil	Fourth	Amesville
Marshall, William Brandt	Second	Lancaster
Martin, Peter Elwyn	Third	Athens
Martin, Russell	Second	Malta
Mason, William Pierce	First	Athens
May, Ella Lucie	Fourth	Athens
May, Walter W.	Second	Circleville
Metham, Edith	Fourth	Nellie
Miller, Norma Belle	Third	Bidwell
Mills, Amanda Jane	Fourth	Toronto
Morgan, Lewis Davis	Third	Maynard
Moore, Florence Lucile	Fourth	Lancaster
Morris, Anna Pearl	First	Amesville
Muth, James Benedict	Second	Hohman
Nethers, Emmett Wilson	Second	Trinway
Neves, Das, Jose Galiano Fontes	Fourth	Rio de Janeiro, Brazil
Nida, Mary Alma	Second	The Plains
Nixon, Hugh Henry	Second	New Plymouth
Norris, Herman Henry	Third	Athens
Ogg, Carlos E.	Fourth	Amesville

NAME	YEAR	ADDRESS
Ott, Harry Wesley.....	Third.....	Frankfort
Packer, Ethel A	Second.....	Hammondsville
Parker, Adeline Davis.....	Fourth.....	Rutland
Parker, Chauncey Blaine.....	Second.....	Vanlue
Parker, Laura Ellen	Third.....	Vanlue
Parnaby, Chester William.....	Fourth.....	Middlefield
Parr, Charles Hamilton	Second.....	Great Bend
Pettit, Lenore Marie.....	First.....	Creola
Phelps, Nellie.....	Second.....	Cleveland
Plummer, Thomas Herbert	Second.....	Athens
Pratt, Ora May	First.....	Athens
Quigley, Jessie	Second.....	Columbiana
Radcliff, David Willard.....	Second.....	Dexter City
Roberts, Emmett Ephraim.....	Third.....	McConnelsville
Robinson, Doris Lucile.....	Second.....	Bremen
Romine, Glen Mutchler.....	Fourth.....	Athens
Rowland, Raymond Rexford.....	Second.....	Cutler
Russell, Denver.....	First.....	Jackson
Russell, Heber.....	First.....	Jackson
Russell, Lewis Walter.....	Fourth.....	Luther, Mont.
Russell, Mary Louella.....	Fourth.....	Sarahsville
Sanderson, Albert.....	Third.....	West Austintown
Sanford, Robert Mason.....	Fourth.....	Defiance
Saylor, Esther.....	Second.....	Athens
Schimmel, Vernon George.....	Second.....	Trees, La.
Schmidt, William Francis.....	First.....	Zaleski
Selby, Carrie Rowena.....	Fourth.....	Vincent
Sewell, Esther.....	First.....	Athens
Shallenberger, Royce Kirby.....	Second.....	Lancaster
Shaw, Charles Louis Marvey.....	Second.....	Athens
Shirkey, Carl.....	Second.....	Chauncey
Shirley, Elmer Wesley.....	Third.....	Guysville
Shott, Vivian Richards.....	Fourth.....	New Philadelphia
Simkins, Richard.....	Third.....	Laurelville
Simms, Hazel Bessie.....	First.....	New Plymouth
Simms, Ruth Audra.....	First.....	New Plymouth
Smith, Cora Gladys.....	First.....	Carey
Souder, Ruth Serena.....	Fourth.....	Athens
Speyer, Anna Belle.....	First.....	Athens
Sprague, Allen Dent.....	Fourth.....	Chauncey
Staneart, Charles Ernest.....	First.....	Athens
Starner, Charles Henry.....	Second.....	Sugar Grove
Steepee, Della Edna.....	Second.....	Rogers
Stone, Goldie May	Second.....	Orland
Strausbaugh, Henry Verne.....	First.....	Langsville
Strode, Hazel Dean	Third.....	Fredericktown
Swaim, Hannah Marie.....	Second.....	Athens

NAME	YEAR	ADDRESS
Swiger, Ora Ethel.....	Second.....	South Zanesville
Taylor, Earl.....	Third.....	Trinway
Thompson, Ernest.....	First.....	The Plains
Tinker, Walter Warden.....	Second.....	Frankfort
Titus, James Stephen.....	Second.....	Middleport
Trimble, Harry Bane.....	Fourth.....	Jacobsburg
Ulrich, Victoria Helena.....	Second.....	Lewisville
Varner, Ella.....	Second.....	Black Run
Verwohlt, Howard William.....	Second.....	Tiltonsville
Walker, Florence Margaret.....	Fourth.....	Cheshire
Walker, Robert Herman.....	Third.....	New Marshfield
Watkins, Nettie Elizabeth.....	Second.....	Athens
Watkins, William Poston.....	Second.....	Athens
Weik, Waldo Harrison.....	Fourth.....	Mt. Healthy
Weinman, Caryl Auburn.....	Fourth.....	Columbus
Wharton, Florida Edna.....	Third.....	New Marshfield
White, Harry Victor.....	First.....	Norwich
White, Joseph Cook.....	Fourth.....	Norwich
Whitlock, Florence Ethel.....	Second.....	Chardon
Willerton, Nettie Elizabeth.....	Third.....	Bellaire
Wilson, Sylvester Omar.....	First.....	Hartley, W. Va.
Wright, James Timothy.....	First.....	New Lexington
Wyckoff, Grace Emma.....	First.....	Athens
Young, Edgar Wiley.....	Second.....	Lancaster
Zenner, Philip McKnight.....	Fourth.....	Athens

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SUMMER SCHOOL

This list includes only the names of those students who were in attendance during no other part of the year.

The total enrollment of summer school students was 1003

Adams, Elma Florence.....	Lisbon
Addicott, Cora Elizabeth.....	Williamsfield
Addicott, Harold.....	Athens
Aler, Bertha Florence.....	Zanesville
Allen, Henry Monroe.....	Bloomingsburg
Allison, Edna Corinne.....	Leith
Allison, Eliza Maude.....	Toronto
Allison, Hilda Mae.....	Leith
Altland, Gertrude Alice.....	Massillon
Amerine, Ivan Robert.....	Creola
Anderson, Daisy Belle.....	Newcomerstown
Anderson, Lena Malinda.....	Newark
Anderson, Mary Emma.....	Portsmouth
Anderson, Mary Mae.....	Hillsboro
Anderson, Martha Esther.....	Newcomerstown
Andrews, Mary Chase.....	McConnelsville

Andrews, Nellie Belle.....	Glouster
Armstrong, Lyman Walter.....	Bellville
Arnold, Lillian D.	Youngstown
Arnold, Mildred May.....	Youngstown
Arter, Charles Sumner.....	Harper's Ferry, W. Va.
Asher, Ethel Marie.....	New Holland
Ault, Hazel.....	Bridgeport
Austin, Minnie Belle.....	Middlefield
Babione, Kathryne.....	Woodville
Babione, La Rue Frances.....	Woodville
Bailey, Anna Margaret.....	West Liberty
Bailey, Elizabeth.....	New Straitsville
Bailey, Permelia.....	Mason, W. Va.
Baldwin, Harley Eugene.....	Cortland
Ballmer, Ula May.....	Lancaster
Balthaser, Lillian Marie.....	Amanda
Barnhart, Marie Emily.....	Center Belpre
Barr, Hazel Viola.....	West Carrollton
Barton, John L.....	Reedsville
Barton, William Howard.....	Adelphi
Bartow, Alice Cornelia.....	Sandusky
Bates, Ethel.....	Shawnee
Battan, Bessie.....	Thornville
Battrick, Helen Claire.....	Williamsfield
Baughman, Virgil Guy	New Marshfield
Beck, Ernest Bray.....	Mt. Perry
Beery, Ross Charles.....	Lancaster
Bell, Bryce.....	Jeffersonville
Benard, Helen May.....	Rising Sun
Beshore, Georgia E.....	Mingo Junction
Bess, Jennie Belle.....	Brilliant
Bethel, Nina Pauline.....	Athens
Bishop, Florence Mildred.....	Hooksburg
Bitzer, Charles Alfred.....	Adelphi
Black, Josephine Abigail.....	Malta
Blum, Clara Loretta.....	Logan
Boarden, Nellie.....	Logan
Bolton, Francis Ernest.....	Athens
Book, Dorothy Alice.....	Cincinnati
Borger, Evelyn Emma.....	Trenton
Bouts, John Edward.....	South Webster
Bowers, Ramona Mae.....	Athens
Bowlus, Grace.....	Fremont
Bowman, G. Arvene.....	Edison
Bradfield, Bessie Gladys....	Chauncey
Bradfield, Laura Mabel.....	Pomeroy
Brannon, George Fulton.....	Key
Breitenbecker, Elva Mae.....	Trenton
Breyfogle, Myrtle Belle.....	Athens

Brock, Glenna May.....	Shawnee
Brown, Clara Belle.....	Unionville
Brown, Esther Sara.....	Crooksville
Brown, Louie Fern	Pataskala
Brown, Myrtle.....	Zanesville
Bryson, Phyllis.....	Athens
Buchanan, David Lewis.....	Toronto
Buchanan, Elizabeth Phoebe.....	Beallsville
Buckley, Charles Albert.....	Santoy
Bumgardner, Gladys Marie.....	Athens
Burns, Granville Willard.....	Belmont
Byrne, Irene.....	Shawnee
Calder, Ida Lavinia.....	Belpre
Caldwell, Frances.....	Coolville
Calhoon, Lenore A.....	Crooksville
Calhoun, Beatrice Arema.....	Charlestown, W. Va.
Callaway, Susie Elizabeth	Hillsboro
Calvin, Margaret Belle.....	Hamden
Cameron, Albert F.....	Carroll
Carpenter, Icy.....	Chesterhill
Carr, George E.....	Stockport
Carr, Wilson Hamilton.....	Athens
Carter, Memphis Tennessee.....	Ennis, W. Va.
Carty, Bernice Lucile.....	Athens
Chapin, Louise Reeve.....	Rome
Chappell, Dalton Orrin.....	Shade
Cheeseman, W. Carl.....	Slippery Rock Pa.
Cherrington, Susan Mary.....	Thurman
Chilton, Irene Enola.....	Rendville
Christy, Mazie Leone.....	New Holland
Chute, Berenice Fauney	Jacksonville
Clapp, Floy Alice.....	Middlefield
Clark, Edna Marie.....	Athens
Clark, Ethel Norah.....	Wellston
Clark, Ethyl Bess.....	Athens
Clark, Hannah Ethel.....	Thurman
Clement, Verna Pauline.....	Kenton
Cline, Elizabeth Faye.....	Albany
Clossman, Christine Marie.....	Bethel
Clouse, B. Gayle.....	Iberia
Clum, Samuel James	New Philadelphia
Cochran, Francyl Mary.....	Athens
Coe, Fred Oscar.....	Edison
Coleman, Mabel Bertine.....	Athens
Colley, Lillian Isabel.....	Wellston
Collins, Marguerite Matilda.....	Nelsonville
Conn, Anna Marie.....	Canal Dover
Connelly, Jane Eleanor	Youngstown
Cook, Ida May.....	New Holland

Cooley, Calla Ernestine.....	Athens
Copeland, Dean Burns	Athens
Corle, Letitia Virginia.....	Burgoon
Cornell, Clifford Charles.....	Athens
Costigan Mary.....	Berlin Heights
Cotner, Paul.....	Athens
Coulter, Chester Manly.....	Sayre
Coulter, Lola.....	Sayre
Coulter, Zelma.....	Sayre
Cox, Anna Ida.....	Gillespieville
Craig, Laura Tilton.....	McKeesport, Pa.
Crawford, Lena Anna.....	Roxabell
Crawford, Minnie Alta.....	Barnesville
Creamer, George Fulton.....	Bridgeport
Crew, Mary.....	Chesterhill
Crone, Mabel Edna.....	Mineral City
Cross, Carrie Louise.....	Canton
Cross, Tirzah Irene.....	Portsmouth
Crouse, Forest Rose.....	Newark
Cuckler, Dicie Enita	Athens
Cullen, Esther	Kimball
Culp, Lillian Belle.....	Toronto
Culp, Sara Ardella.....	Toronto
Cunningham, Mabel Keturah.....	Steubenville
Darrah, Florence Belle.....	Macksburg
Dart, Orbie Ruth.....	Pierpont
Daugherty, Anna May.....	New Lexington
Daugherty, Carrie Gertrude.....	Newcomerstown
Davidson, Besse Arcada.....	Summerfield
Davidson, Edythe Mae.....	Summerfield
Day, Imogene.....	Zanesville
DeVoe, Walter William.....	Lewisville
DeWitt, Ethel.....	Centerburg
Dearth, Otto Art.....	Summerfield
Decker, John Milton.....	Beallsville
Dent, Vina May.....	Athens
Devlin, Margaret Mary.....	Congo
Devitt, Celia Loretta.....	Athens
Dick, Inez Rebecca.....	New Holland
Dildine, Grace Mae.....	Salem
Dill, Karl W.....	Pemberton
Dinsmoor, Constance Faye.....	Shade
Dinsmoor, Gwendolyn Lelia.....	Carbondale
Dixon, Florence Mary.....	Swifts
Dixon, James Floyd.....	Wellston
Donahey, Monna Esther.....	Utica
Doolittle, Fleda Doris.....	Carbondale
Doolittle, Lottie Dell.....	Carbondale
Drury, Bertha Belle.....	New Lexington

Dunbar, Marcellus Wilson.....	Freeport
Dunn, Fannie Margaret.....	Cincinnati
Dunn, Ruth Agnes... ..	Brilliant
Dunnick, Cleona Minerva.....	Circleville
Earnhart, Blanche Ethel.....	Middletown
Edwards, Henry Charles.....	Hillsboro
Eichenberger, Helen Mary.....	Warren
Eichler, Claude George.....	New Milford
Elliott, Dora Mae.....	Bellaire
Ellis, Goldie Mae.....	New Vienna
Emerson, Ruth Waldine.....	Loveland
Engle, Bessie Chloe.....	Lancaster
Entsminger, Helen Orr.....	Middleport
Evans, Bessie Mae.....	London
Evans, Edith.....	Athens
Evans, Lucy Belle.....	Shade
Evans, Margaret Ellen.....	Portsmouth
Evans, Nellie.....	Granville
Eves, Edward Holt.....	Columbus
Fankhauser, Edwin Thomas.....	Sardis
Farquhar, Winona Josephine.....	Gambier
Farrar, Leonard Cecil.....	Charleston, W. Va.
Farrar, Naola May.....	Charleston, W. Va.
Fenzel, William Henry.....	Athens
Ferguson, Mary Edith.....	Salineville
Ferguson, Edith Lizzie.....	Milan
Feth, Freda Henrietta.....	Athens
Finkbone, Floris Evelyn.....	Basil
Finks, Grace Packard.....	Malinta
Finsterwald, Lenna Marie.....	Canaanville
Fiser, Mary Winifred.....	Malinta
Fisher, Daisy Pearl.....	Payne
Fisher, Ethel Barker.....	Barnesville
Fisher, Mary Etta.....	Payne
Fitzer, Lorena Belle.....	Millfield
Flegal, Harry Mitchell.....	Zanesville
Flegal, Hazel Burviance.....	Zanesville
Fletcher, Grace Mabelle.....	Middlefield
Fletcher, Harriet.....	Dalton
Flood, John William.....	Rushville
Ford, George William.....	Millfield
Forsythe, Margaret Rebecca.....	Kimbalton
Foster, Jennie Viola.....	Scio
Foster, Mary Jane.....	Murray City
Fraher, Flora Elizabeth.....	London
Francisco, Boyd Edward.....	Rockbridge
Freeman, Elizabeth Phyllis.....	Ironton
Fri, James Lloyd.....	Creola
Fulton, Fluella May.....	Albany

Gage, Gladys.....	Cutler
Galloway, Carrie Estella.....	Rosedale
Gamertsfelder, Ethel.....	Nellie
Gandee, Raymond Ernest.....	Athens
Garber, Elizabeth Gertrude.....	South Norwood
Gates, Carrie Belle.....	Zanesville
Gates, Harold Taylor.....	Zanesville
Gerlach, Hazel Margaretha.....	Vermillion
Gibson, Aura Katherine.....	Athens
Gibson, Margaret Florence.....	Ethel
Giesey, Julia Etta.....	Smithfield
Giesey, Vergie.....	Smithfield
Gildersleeve, Eugene Hills.....	Hallsville
Giles, Nell Douglass.....	Middleport
Gillen, Miriam Keziah.....	Morgantown, Ky.
Gillete, Edna Elizabeth.....	Fremont
Glass, Mary Adelia.....	Moxahala
Glenn, Hazel Mary.....	Gallipolis
Glover, William.....	Scott
Goddard, Charles Curtis.....	Cutler
Goodwin, Willis.....	Venedocia
Gossett, Ruth Jeanette.....	Greenfield
Graham, George Nelson.....	Reynoldsburg
Graham, Hazel Frances.....	Athens
Grant, Nettie Howard.....	Paris, Ky.
Gray, Mabel Clare.....	Wilkesville
Gray, Margaret Hannah.....	McConnelsville
Gray, Vera.....	Coalton
Greene, Estella Blanche.....	Zanesville
Grey, Etta Frances.....	Copley
Grice, Lenna May.....	Highland
Griffith, Barton Russell.....	Ashville
Griffith, Leona Bertha.....	Granville
Griner, Harry Garfield.....	Amanda
Groves, Charles Danford.....	Orwell
Growden, Clarence Holmes.....	Chillicothe
Gutensohn, Emma Sarah.....	Gnadenhutten
Hackathorn, Mary Anna.....	Bergholz
Hall, Ada Bearl.....	Nova
Hall, Carrie Florence.....	Lowell
Hall, Jesse Charles.....	Glouster
Hall, Lillian Louisa.....	Chauncey
Hall, Linna Letitia.....	Athens
Hall, Lola May.....	Croton
Hall, Margaret.....	Proctor, W. Va.
Hamilton, Belle.....	Hillsboro
Handley, Cecil Worth.....	Pedro
Hanna, Lottie Elma.....	Van Buren
Hannan, Monica Ursula.....	Ironton

Harbourt, Mabel Patience.....	Martins Ferry
Harmon, Maude Ethel.....	Charlestown, W. Va.
Harper, Mary.....	Toronto
Hart, Denver T.....	Carey
Hart, Henry M.....	Carey
Harter, Edwin Winston.....	Williamstown, W. Va.
Hartford, Margaret Jane.....	Toronto
Hartley, Emma Lizbeth.....	Leesburg
Hawk, Katherine Vernon.....	Ripley
Hawk, Stella Maude.....	Ripley
Haworth, Bertha Routh.....	New Vienna
Hay, Dan Bricker.....	St. Marys
Hayes, Everett Raymond.....	Guysville
Haymer, Hallie Rebecca.....	Jeffersonville
Haymond, Mary Mildred.....	Newark
Haynes, Elfra May.....	Dillonvale
Hempy, Rhea E.....	Pleasantville
Henderson, Louise.....	Lisbon
Henderson, Okey Carl.....	Portland
Henderson, Ruth Anna.....	Roseville
Hennigan, Mary.....	Lyndon
Herbst, Georgia Sinclair.....	Steubenville
Hermann, Edna Lee.....	Portsmouth
Herrold, Gordon.....	Athens
Herrold, Rose Ella.....	Nelsonville
Hesse, Myrtle Lucile.....	East Liverpool
Hewitt, John.....	Athens
Hibbard, Edwin McCune.....	Athens
Hibbard, John George.....	Athens
Hickle, Elva.....	Washington C. H.
Higbie, Una Dale.....	Jenera
Higgins Margaret.....	Athens
Higgins, Winifred Belle.....	Athens
Hindley, Marjorie Jo.....	North Fairfield
Hines, Nora Belle.....	Beaver
Hinkle, Edith G.....	Akron
Hoak, Hazel.....	Carbondale
Hodge, Daisy.....	Bainbridge
Hoffner, Lula May.....	Barnesville
Hollar, Ruth S.....	Newark
Holshoy, Harvey Le Roy.....	Mineral City
Hooper, Katie.....	Athens
Hoopman, Hallie Belle.....	Black Lick
Hoover, Silvia.....	Middlebranch
Horton, Dorothy Irene.....	Oak Hill
Hughes, Esther.....	Thurman
Huls, Ora Mildred.....	Athens
Hulse, Walter Harrison.....	Rockbridge
Hunter, Ora Dell.....	Mt. Sterling

Hupp, James Lloyd	Hemlock
Hurd, Lorinda May	Garrettsville
Huston, Cora F.	Port Washington
Hutcheson, Berenice May	Salem
Hutton, Walter Eugene	Frankfort
Hutzell, Carrie Belle	Hebron
Imler, Golda Margaret	Kingston
Inglish, Anna Marie	Antrim
Inglish, Bessie Pauline	Antrim
Isbell, Clara Isadore	Walbridge
Jackson, Harry Franklin	Beallsville
James, Gwendolyn	Athens
Jeffers, Mabel Mae	Coal Run
Jenks, Stella	Vigo
Jennings, Nellie Lee	Athens
Johnson, Alberta Adel	Vermilion
Johnson, Herbert Shepherd	Leesburg
Johnson, William Douglass	Kimball, W. Va.
Jones, Dessie Martine	Good Hope
Jones, Eulah	Omega
Jones, Pauline	Good Hope
Jones, William Dale	Athens
Jump, Bernice Ora	Huron
Jung, Goly Park	Canton, China
Justice, Ivan Silbaugh	Ashville
Kasler, Frederica	Nelsonville
Katzenbach, Adda Lenore	Nelsonville
Katzenbach, Lucy Marie	Nelsonville
Keeler, Iva Irene	New Matamoras
Kelly, Anna Mary	St. Martin
Kelly, Anna Savilla	McComb
Kemp, Amma Dee	Bridgeport
Kennard, Minnie Theora	Carbondale
Kennedy, Dennis V.	Gnadenhutten
Kersey, Cora Lena	Oregonia
Ketcham, Beatrice	Fremont
Ketcham, Ernest Ethan	Sayre
Keyser, Clara May	Woodsfield
Keyser, Florence Gertrude	Woodsfield
Kinsey, Katherine Josephine	Gnadenhutten
Kinsey, Nora Nellie	New Philadelphia
Kinsey, Venetta Pearl	Tacoma
Kinsey, Zella Zoe	New Philadelphia
Kirklin, Cora Lee	Loveland
Kline, Roma Irene	New Martinsville, W. Va.
Klopfenstein, Ada A.	Paris
Knapp, Lizetta Ida	Norwalk
Knisley, Kate	Bainbridge
Knopp, Silvia Ferry	Harrisonville

Koonce, Bertram Ezra.....	Parker's Landing
Krapps, Matilda Helena.....	Vermilion
Kumler, Nettie Elizabeth.....	Baltimore
Kump, Jennie A.....	Alliance
Lane, Patti E.....	Nashport
Lanthorne, Orville Whittier.....	Ironton
Latteau, Mollie Therese.....	Youngstown
Lauterbur, Anna Pauline.....	Sidney
Law, George Gun.....	Portland, Oregon
Lawton, Anna Mabel.....	Barlow
Lawton, Helen Elizabeth.....	Barlow
Lawton, Mary Mildred.....	Barlow
LeFavor, Ella.....	Alfred
Le Masters, Grace Delilah.....	Charleston, W. Va.
Le Roy, Frank Coats.....	Athens
Lee, Bessie Isabel.....	Zanesville
Lee, Estella Clarissa.....	Athens
Lee, Murl Mattie.....	Shadyside
Lehman, Orlandeth Auland.....	Logan
Leon, Lenard Koh.....	Canton, China
Leverton, Letta Lee.....	Leesburg
Liggett, Kate.....	Ripley
Liggett, Thomas Henry.....	Athens
Lightfritz, Winifred.....	New Marshfield
Lindsley, Dorothy Elizabeth.....	Ashtabula
Lindsley, Agnes.....	Dorset
Linn, Alton.....	Toboso
Llewellyn, Orpha May.....	New Marshfield
Logan, Mary Slattery.....	Athens
Long, Laura.....	Portsmouth
Lonsinger, Lucy.....	Walhonding
Loper, Iva Maud.....	Murray City
Loper, Rebecca Ellen.....	Murray City
Lotz, Lois Ada.....	Zanesville
Love, Agnes Estelle.....	Swifts
Lowe, Florence Mabel.....	Quincy
Lowe, Rosa Gertrude.....	Quincy
Lowman, Electa Florence.....	Hillsboro
Lucas, Elisha Edwin.....	Morristown
Lutz, Eliza J.....	West Milton
Luxon, Elizabeth Agnes.....	New London
Lynch, Chloe Esther.....	New Marshfield
Lynch, Flo Cordelia.....	New Marshfield
Lyons, Lindsey Leon.....	Higginsport
McAfee, Ethel May Belle.....	Stewart
McCall, David Arthur.....	Marshall
McCartney, Ruby La Verne.....	Tyrrell
McClure, Margaret Ellen.....	Oak Hill
McCollister, Leah.....	Derby

McConn, Teresa Catherine.....	St. Martin
McCormick, Clair.....	Gallipolis
McCormick, Mary Gladys.....	Lisbon
McCoy, Vesta Claire.....	Middleport
McDaniel, Guy.....	Oak Hill
McFadden, Christian Fairfax.....	Washington C. H.
McFadden, Cora Belle.....	Bethesda
McGee, Grace.....	Chillicothe
McGill, Alice Pauline.....	Barnesville
McGinty, Anna Elizabeth.....	Chillicothe
McHenry, Nell.....	Athens
McKinley, Lona Mae.....	Derby
McKinstry, Richard.....	Athens
McKown, Emilie M.....	Lancaster
McMenamy, William Charles.....	Jacksonville
McMillan, John Addison.....	New Athens
McMurray, Sadie Anna.....	Barnesville
McNeal, Florence.....	Waterford
Mace, Lulu Edna.....	Athens
Maddock, Ida May.....	Milford Center
Mansfield, Virgil Don.....	Athens
Marshall, Ethel.....	Canal Dover
Marvin, Genevieve.....	Findlay
Mason, Bertha Laree.....	Hicksville
Masterson, George Ellsworth.....	Cedarville
Matson, Mabel Mae.....	Millfield
Matthews, Blanche Violette.....	Cheshire
Maxwell, Harley Stanley.....	Athens
Medlay, Etta Golda.....	Van Buren
Meinke, William Gotleib.....	Oak Harbor
Mercer, Gladys Lucile.....	Gambier
Meredith, Jennie Belle.....	Freeport
Merrill, Lucia Ellen.....	Andover
Merry, Sua Ruby.....	Millfield
Merry, Zua Roma.....	Millfield
Metzger, Joanna Ruth.....	Sunbury
Meyers, Mary Ila.....	Ironton
Michael, Ola Mae.....	Lynchburg
Mickle, Herbert C.....	Washington, C. H.
Mikesell, Ray Everett.....	Black Run
Miller, Ernest.....	Waterloo
Miller, Grace Mildred.....	Barberton
Miller, Hazel Lenore.....	Youngstown
Miller, Leria Maude.....	Gallipolis
Miller, Lillie Belle.....	Bellaire
Miller, Martha Catherine.....	Youngstown
Miller, Pearl Maynette.....	West Milton
Miller, Ruth Arretta.....	Barberton
Miller, Stella.....	Hamden

Miller, Thelma Gladys.....	Newark
Milner, Anna Belle.....	Pickerington
Moler, Harley Edwin.....	Athens
Moore, Blanche.....	Mineral City
Moore, Wayne.....	Mineral City
Morgan, Edna.....	McConnelsville
Morris, Dorothy Catherine.....	Magrew
Morris, Helen Mary.....	Athens
Morris, Lucy Edith.....	Newcomerstown
Morris, Wilmina Sophia.....	Lisbon
Morris, Winfield Scott.....	Clendenin, W. Va.
Morrow, Winnie Opal.....	Sabina
Mowrey, Bessie Mabel.....	Logan
Mowrey, Russell Donaldson.....	Logan
Mulaney, Anna Marie.....	Sandusky
Muntz, Edith Anna.....	Athens
Muntz, Leonard William.....	Athens
Murray, Elizabeth.....	Congo
Musgrave, Walter E.....	Athens
Musser, Mabel Grace.....	Athens
Myer, Florence.....	Newark
Myers, Anabel.....	La Rue
Myers, M. Christina.....	Elyria
Neff, Grace Mildred.....	Crooksville
Nelson, Emmett Gerald.....	Carpenter
Nelson, Leta Mae.....	Nelsonville
Newland, Louise.....	Portsmouth
Newman, Autye Mae.....	Hamden
Nihart, Cora.....	Edgerton
Noble, Bessie May.....	Windsor
Noe, Lola Melvina.....	Swiss, W. Va.
Norris, Calvin Leslie.....	Nellie
Nye, Earl Lemoyne.....	Athens
O'Brien, Christopher Henry.....	Lilly Chapel
O'Brien, Louise.....	London
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Ochs, Helen Marguerite.....	Lancaster
Ogg, Verda Lenora.....	Ethel
Oldfield, Hamilton.....	Athens
Ostrander, Ellen Gertrude.....	Painesville
Ostrander, Ethel Mary.....	Painesville
Oxley, Lena Bertine.....	Athens
Palmer, Leva Wright.....	Belmont
Parks Ralph.....	Nelsonville
Partee, Blake Cameron.....	Evansport
Patridge, Gladys Lillian.....	Greenfield
Patterson, Carrie Vyde.....	Wellston
Paullin, Elda Gertrude.....	Sedalia

Peele, Clara Starn.....	Wilmington
Penn, Lillie Helena.....	Paulding
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Perrill, Jessie Millar.....	Ashville
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Poling, Robert Bertrude.....	Logan
Poorman, Nora.....	Sidney
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Price, Sarah Ada.....	Columbus
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Pyers, Grace.....	East Liberty
Quinn, Francis Martin.....	New Lexington
Radcliffe, Ethel Omega.....	Athens
Ramsey, Martin Newell.....	Jacobsburg
Ray, Viva Louise.....	Hamden
Ream, Helen May.....	Canton
Redmon, Frank Austin.....	Derby
Reed, Mary Frances.....	Hamden
Reeder, Edith Sarah.....	Fazeysburg
Reeves, Essie Holmes.....	Somerton
Reichelderfer, James Leslie.....	Laurelville
Reighley, Alice May.....	Berlin Heights
Reinchield, Viola Theresa ..	Thurston
Reiter, Lulu Wilhelmina.....	Marietta
Rial, Edna J.....	Shadyside
Rice, Fannie M.....	Novelty
Rice, Inis Fern.....	Van Wert
Richardson, Herbert Stanley.....	Athens
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Richmond, Winifred Vanderbilt.....	New Marshfield
Richter, Marie Elizabeth.....	Milford Center
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Ripley, Emma Katherine.....	Warren
Roach, Harry Wescott.....	Athens
Roberts, Florence.....	West Jefferson
Roberts, Jessie Marie ..	Sidney
Roberts, Lovett Clofie.....	Malta
Roberts, Olive Jane.....	Sidney
Roberts, Shirley.....	West Jefferson
Robinson, Mary Kyle.....	Mechanicstown
Rodehaver, Edna Doan.....	Guysville
Rogers, Katharine Austa.....	Newcomerstown
Rood, Edna May.....	Marietta

Root, Mary L.....	Middleport
Roswurm, Esther Delilah.....	Kelley's Island
Roswurm, Ruth.....	Kelley's Island
Ruff, Nelle May.....	Thurman
Ruth, Clifford Everett.....	Shade
Rutledge, Nellie Elizabeth.....	Toronto
Salters, James.....	Athens
Sanders, Mary Captolia.....	New Marshfield
Saunders, Arthur Claire.....	Findlay
Savage, Mary Frances.....	Youngstown
Schaefer, Emma May.....	Carroll
Schaefer, Otto Walter.....	Carroll
Schilling, Cora E.....	Galloway
Schilling, Minnie Caroline.....	Galloway
Schleich, May.....	Williamsport
Schofield, Florence Margaret.....	Sidney
Scholl, Florence Mae.....	Athens
Schreiner, Estella Clara.....	Chillicothe
Scott, Lulu Blanche.....	St. Clairsville
Sears, Anna Marie.....	Centerburg
Severe, Carrie.....	Vanatta
Shafer, Anna Merle.....	Athens
Shank, Mary Irene.....	Ironton
Shannon, Alice Magdalene.....	Athens
Shannon, Ella Veronica.....	Athens
Shannon, Virtue.....	Newark
Shanton, Leora.....	Chillicothe
Sharp, William Roy.....	Bainbridge
Shelley, Homer C.....	Thornville
Shelley, John Wilbur.....	Jamestown
Shelton, Kate.....	Springfield
Shepherd, Lu Ellen.....	St. Clairsville
Sherman, Myra Orca.....	Shadeville
Shields, Linnie Mabel.....	Torch
Shields, Margaret Lenore.....	Dennison
Shields, Mary Hambleton.....	Crooksville
Shuman, Lulu Elizabeth.....	Dillonvale
Shumway, Roswell Burr.....	Portsmouth
Simmons, Everett McCollom.....	East Monroe
Simon, Alma Marie.....	Ironton
Simpson, Denver Colorado.....	Tippecanoe
Sims, Priscilla.....	New Concord
Sindlinger, Charles Albert.....	Gnadenhutten
Skaer, Blanche Augusta.....	New Philadelphia
Skinner, Anna Florence.....	Wilkinsburg, Pa.
Skinner, Carrie Elizabeth.....	Logan
Smith, Alma Elizabeth.....	Jackson
Smith, Lillian Corinne.....	Jefferson
Smith, Margaret May.....	Crelton

Smith, Mary Vanetta.....	Athens
Soliday, Edith.....	Thornville
Soliday, Leroy McPherson.....	Carroll
Somerwell, Grace.....	Freedom Station
Sprowles, Ferne Locetta.....	Waterford
Stanton, Flora Mae.....	New Marshfield
Starr, Everett Murch.....	Athens
Stauder, Cecil Leona.....	Chillicothe
Steadman, Frances.....	Glouster
Stephenson, Joseph Newton.....	Ripley
Stevens, Bertha May.....	Gillespieville
Stewart, Foss Elon.....	Beaver
Stine, Elsie Ora.....	New Philadelphia
Stocker, Experience Augusta.....	Port Washington
Stoker, Edith May.....	St. Marys
Stone, Evan D.....	Belpre
Stone, Fannie Dorcas.....	Logan
Stone, Rufus Emmett.....	West Rushville
Stone, Vernon Lee.....	Belpre
Stout, Verda Etta.....	West Liberty
Stoyle, Ethel Mae.....	Shawnee
Stoyle, Kate.....	Shawnee
Stringfellow, Emma Abigail.....	Gallipolis
Strouse, Ruth Blanche.....	Laurelville
Stuart, George Washington.....	Nelsonville
Sullivan, Henry Lee.....	Georgetown
Swartz, Roscoe.....	Hillsboro
Sweazy, Carl Melvin.....	Greendale
Sweet, Nellie Evelyn.....	London
Swickard, Ima Blanche.....	Gahanna
Swinehart, Ross Poorman.....	Somerset
Taylor, Arthur Hamilton.....	McArthur
Taylor, Eunice Loa.....	McArthur
Taylor, Lois Bernice.....	Good Hope
Thomas, Jessie.....	Frazeyburg
Thomas, Rose Anna.....	West Lafayette
Thrall, Gail Beatrice.....	Bethesda
Tidrick, Neva Jane.....	Newcomerstown
Timberlake, Effie Llewellyn.....	Washington C.H.
Tom, Daisie Bernice.....	New Concord
Tomlinson, Roy C.....	Adelphi
Tong, Ka Chang.....	Canton, China
Tootle, Ina Marie.....	Williamsport
Tracy, Everett John.....	Pomeroy
Treaster, Orpha Helen.....	Youngstown
Trego, Bertha Ellen.....	Chillicothe
Trottmann, Bruce Guy.....	Coshocton
Trout, Gates.....	Nelsonville
Tufts, Lura Loree.....	Ironton

Turner, Frances Virginia.....	Zanesville
Turner, Oda Davis.....	Salem
Turner, Stella.....	Chillicothe
Tuttle, Caroline Lois.....	Andover
Ulrich, Cordelia.....	Port Washington
Valentine, David Franklin.....	Murphy
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Van Vorhis, Omer Everett.....	Hendrysburg
Van Zandt, Hazel Mary.....	Rutland
Voigt, Olive Elizabeth.....	Sandusky
Wagner, Myrtle Gertrude.....	Elba
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Walburn, Wesley.....	Carpenter
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Waltermire, Estella May.....	Findlay
Wamsley, Osa.....	Otway
Ward, Elsie La Gerta.....	Bethesda
Ward, Flora Sarepta.....	Williamsfield
Warner, Blanche.....	Burgoon
Warren, Freda Floella.....	Elba
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Watts, Mary Ora.....	Grove City
Weisenberger, Edna Marie.....	McArthur
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Welsh, Martha Lovina.....	Carpenter
Weltner, Georgia Mabel.....	Good Hope
Wensing, Rosa Mae.....	Fremont
Wessel, Clara G.....	Racine
West, Nondas.....	Lynchburg
Wharff, Edna May.....	Stewart
Wharton, Maude Hazel.....	Barnesville
White, Bernice Ava.....	Middlefield
White, Myrtle Inez.....	Stockport
White, Ruth Eloise.....	Monroeville
Whitlach, Flossie Elgepha.....	Zaleski
Whitsey, Marian Leone.....	Ashtabula
Whittaker, Martha Anderson.....	Scio
Wiedemer, Lottie Becht.....	Norwood
Wiley, Edna Matilda.....	Barnesville
Wiley, Nathaniel.....	Kimball W. Va.
Wilkes, Albert Vernon.....	Athens
Wilkes, Ernest Constantine.....	Athens
Wilkin, John David.....	St. Louisville
Williams, Clark.....	Athens

Williams, David Burle.....	Syracuse
Williams, Dwight.....	Athens
Williams, Elizabeth Pearl.....	Glouster
Williams, Helen Frances.....	Athens
Williams, Sarah Putnam.....	Pomeroy
Williams, Verna Louise.....	Salem
Williamson, Albert Minor.....	Leesburg
Wilson, Eva Mae.....	Athens
Wilson, Marcia.....	London
Windsor, Gladys Faye.....	Guysville
Wise, Gertrude Louise.....	Coolville
Witherstay, Treva Marguerite.....	Garrettsville
Wood, Beulah Levada.....	Good Hope
Wood, Laura Ethel.....	Austin
Wooddell, Harriet Alice.....	Wakefield
Woodland, Ellen Elizabeth.....	Bloomington
Woodworth, Charles Lloyd.....	Athens
Worden, Alta Edith.....	Glouster
Worrall, Paul Clifton.....	Chesterhill
Wright, Alice.....	Granville
Yealey, Nellie.....	Unionville Center
Yost, Rose.....	Somerset
Young, Shirley May.....	Jacksonville

725

UNIVERSITY EXTENSION STUDENTS

(Not elsewhere enumerated)

Barrington, Mabel.....	St. Marys
Becker, Emma.....	Logan
Bibler, Blanche E.....	Baltimore
Bibler, Neal A.....	Baltimore
Bowen, Mollie.....	St. Marys
Clouse, Elza Eugene.....	Basil
Cullums, Doris M.....	Nelsonville
Cullums, Opal W.....	Nelsonville
Dauterman, Carrie B.....	Thurston
Deer, Bessie.....	Nelsonville
Dutton, Jocie Catherine.....	St. Marys
Edington, Hazel.....	Nelsonville
Finke, Clara H.....	St. Marys
Frampton, Burl.....	St. Marys
Geiger, Alma.....	St. Marys
Gilliland, Lulu Oca.....	St. Marys
Groves, Russell Lowell.....	Lancaster
Hampton, Roxy May.....	Nelsonville
Heine, Emma.....	St. Marys
Heine, Margaret.....	St. Marys

Hickman Elsie.....	Nelsonville
Johnson, Oden Conrad.....	Little Hocking
Katzenbach, Mabel.....	Nelsonville
Koenig, Emil J.....	St. Marys
Kuening, Erma.....	St. Marys
Kumler, Florence Pauline.....	Baltimore
Lemon, Mary F.....	Logan
Linton, Estella Mae.....	Nelsonville
McBride, Nan.....	Logan
McCray, Mary Emaletta.....	Logan
Mallen, Mary F.....	Nelsonville
Marshall, Belya L.....	St. Marys
Miley, Melva J.....	St. Marys
Miley, Sadie.....	St. Marys
Moehring, Lena.....	St. Marys
Murphy, Ella Cecelia.....	Nelsonville
Needels, Rosa Belle.....	St. Marys
Parry, Lulu M.....	Nelsonville
Patton, Ella.....	Nelsonville
Price, Clara Elizabeth.....	Baltimore
Reynolds, Estelle.....	Nelsonville
Schwark, Ada.....	St. Marys
Smith, Arthur B.....	Thurston
Smith, Nellie G.....	Thurston
Stoneburner, Alberta C.....	Nelsonville
Thomas, Chester M.....	Baltimore
Verity, Jeannette.....	Nelsonville
Watson, Archie M.....	Baltimore
White, Annie.....	Logan
White, Bird.....	Logan
White, Rose N.....	Logan
Wiseman, Carrie.....	St. Marys
Work, Alice J.....	Thurston

GENERAL SUMMARY

1912-13

College of Liberal Arts		
Post-Graduates.....	16	
Class of 1912.....	52	
Seniors.....	50	
Juniors.....	44	
Sophomores.....	111	
Freshmen.....	165	
*Irregular and Special Students.....	223	
	<hr/>	661
State Normal College		
Post-Graduates.....	5	
Class of 1912.....	21	
Seniors.....	29	
Juniors.....	26	
Sophomores.....	127	
Freshmen.....	153	
Irregular and Special Students.....	42	
State Preparatory School.....	207	
	<hr/>	610
Summer School		725
Total.....		1996
Names counted more than once.....		12
Net Total.....		1984
University Extension Students		53
Grand total.....		2037

ENROLLMENT OF STUDENTS FOR PAST FIVE YEARS

1908-9	1909-10	1910-11	1911-12	1912-13
1462	1597	1787	1832	2037

[*Note: The large number of special and irregular students is mainly due to the College of Music and the School of Commerce.]

UNIVERSITY CALENDAR, 1913

Second Semester

Monday, February 3.....	Registration of Students
Tuesday, February 4.....	Recitations Begin
Friday noon, March 21.....	Easter Vacation Begins
Monday noon, March 31.....	Easter Vacation Ends
Friday, May 30.....	Holiday
Thursday, June 19.....	Commencement Day and the Close of the Second Semester

Summer School

Monday, June 23.....	Registration of Students
Tuesday, June 24.....	Recitations Begin
Friday, July 4.....	Holiday
Friday, August 1.....	Close of Summer School

UNIVERSITY CALENDAR, 1913-1914

First Semester

Monday, September 8.....	Registration of Students
Tuesday, September 9.....	Recitations Begin
Wednesday noon, November 26....	Thanksgiving Recess Begins
Monday noon, December 1.....	Thanksgiving Recess Ends
Friday, December 19.....	Holiday Recess Begins
Monday, January 5.....	Holiday Recess Ends
Friday, January 30.....	First Semester Ends

Second Semester

Monday, February 2.....	Registration of Students
Tuesday, February 3.....	Recitations Begin
Friday noon, April 3.....	Easter Vacation Begins
Monday noon, April 13.....	Easter Vacation Ends
Thursday noon, June 18.....	Commencement Day and the Close of the Second Semester

Summer School

Monday, June 22.....	Registration of Students
Tuesday, June 23.....	Recitations Begin
Friday, July 31.....	Close of Summer School



New Series

Vol. XI, No. 3

OHIO UNIVERSITY BULLETIN



CATALOGUE NUMBER

1914-1915

ATHENS, OHIO, APRIL, 1914

Published by the University and Issued Quarterly

ENTERED AT THE POST-OFFICE AT ATHENS, OHIO, AS SECOND-CLASS MATTER

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CATALOGUE
OF
OHIO UNIVERSITY
ATHENS, OHIO

1913-1914

AND

CIRCULAR OF INFORMATION

FOR

1914-1915

PUBLISHED BY THE UNIVERSITY

1914

"Religion, morality, and knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall forever be encouraged."

Article 3, Ordinance of 1787.

"Under this statute (Ordinance of 1787) the Ohio Company, organized in Boston the year before as the final outcome of Rufus Putnam's proposed colony of officers, bought from the government five or six millions of acres, and entered on the first great movement of emigration west of the Ohio. The report creating the colony provided for public schools, for religious instructions, and for a university."

THOMAS W. HIGGINSON.

*"We are accustomed to praise the lawgivers of antiquity; we help to perpetuate the fame of Solon and Lycurgus; but I doubt whether one single law of any lawgiver, ancient or modern, has produced effects of more distinct, marked, and lasting character than the Ordinance of 1787. * * * It was a movement of great wisdom and foresight, and one which has been attended with highly beneficial results and permanent consequences. * * * It set forth and declared it to be a high and binding duty of government itself to support schools and advance the means of education."*

DANIEL WEBSTER.

*"That there shall be an University instituted and established in the town of Athens, * * * for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

"Whereas, institutions for the liberal education of youth are essential to the progress of arts and science, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

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AND
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Teacher, Rural Training School.

RUTH ELEANOR HALL,
Teacher, Rural Training School.

LILLIAN ESTHER TERRELL,
Teacher, Rural Training School.

FACULTY COMMITTEES 1914-1915***REGISTRATION, CLASSIFICATION, AND DEGREES**

Dunkle, Williams, C. M. Copeland, Treudley, and Atkinson

RULES AND REGULATIONS

Atkinson, Evans, Bentley, Coultrap and Mills

COURSES OF STUDY

Chubb, Williams, Mercer, Gard, and C. M. Copeland

SUMMER SCHOOL

Williams, W. F. Copeland, Mills, Coultrap, and Dunkle

LIBRARY

Chubb, Treudley, Elson, Chrisman, and Bentley

STUDENT WELFARE

Voigt, Stahl, Atkinson, Elson, and T. N. Hoover

STUDENT ORGANIZATIONS

*William Hoover, Addicott, Evans, Chrisman, and
Landsittel*

ATHLETICS-GYMNASIUM

Wilson, Douthitt, T. N. Hoover, Parks, and Richeson

SPECIAL CASES OF DISCIPLINE

Bentley, Atkinson, Addicott, Treudley and Matheny

TRAINING SCHOOL

Waite, Williams, McLeod, Gard, and Brison

WOMEN'S DORMITORIES

Chubb, Voigt, Bohn, Dean, and Williams

RECOMMENDATIONS FOR EMPLOYMENT

Williams, Chubb, Waite, Coultrap, and Martzoff

ATHLETIC, LECTURE, AND ENTERTAINMENT FUND

C. M. Copeland, Thompson, Atkinson, Pierce, and Addicott

*The President of the University has membership in each committee.

GENERAL INFORMATION

OHIO UNIVERSITY

ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$100,000. Other sources of income swell the amount above named to over \$300,000. Special appropriations for buildings and equipment during the last eleven years ending with February, 1913, have amounted to \$733,648.

LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the city are unsur-

passed. Its principal streets are paved; it is provided with water-works and sewerage; its Board of Health is vigorous and efficient. There are few cities in the country that are more desirable as a place of temporary or permanent residence than Athens. There are no saloons.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, afford a quiet and varied beauty.

BUILDINGS

The University buildings are thirteen in number. Nine of them are grouped on the campus.

The "**Central Building**" was erected in 1817, and is the oldest college edifice northwest of the Ohio river. This venerable structure is dear to many by strong and tender associations, and to many more by means of eminent men who have here studied and taught. It has been modernized and is admirably adapted to its uses for college work.

"**Ewing Hall**" named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art rooms, various class-rooms, and the administration offices.

"**Ellis Hall**" the new building occupied by the departments of the State Normal College, now nine years in use, is the first building in Ohio, erected at State expense, given up wholly to the training of teachers for service in public schools. It is one of the largest, best, and most costly buildings on the grounds. Five hundred people can find comfortable seats in the assembly room of this building.

The "**Carnegie Library**" fully equipped and in running order, is situated in the southwest corner of the campus. It presents a fine appearance and suggests the highly practical service it is rendering to educational work of the University.

The buildings known as the "**East Wing**" and the "**West Wing**" are nearly as old as the Central Building. They afford

class-room and laboratory facilities for certain departments of instruction as well as comfortable quarters for a number of male students.

The "**Old Chapel**," so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian, Philomathean, and Adelphean literary societies have well-furnished rooms. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

"**Women's Hall**," is located nearly opposite the north entrance to the campus. It is a fine brick structure heated by steam, where convenient and pleasant rooms are occupied by a Dean, a Matron, and ninety women students. The dining-room and kitchen are clean and well furnished.

"**Boyd Hall**" the new dormitory for young women, is located near Ellis Hall and the Carnegie Library. It has a frontage of 150 feet on Park Place and a depth of 100 feet.

The building is heated by steam and lighted by electricity. Each bedroom is well lighted and has ample closet space. In all, accommodations are provided for eighty-eight students and, in addition to these, rooms are provided for the maids and servants.

The "**Gymnasium**" is a handsome, structure containing a swimming pool, lockers, offices, and all the appliances found in a complete gymnasium.

The "**Central Heating Plant**," constructed at a cost of \$50,000, is in good running order. Recently this building has been doubled in size. The University Electric Light Plant, now occupying basement quarters in Ewing Hall and the Old Chapel, is now being installed here with new and fuller equipment. It is intended that every building on the University campus shall get its heat from this Central Plant.

"**Science Hall**." This building was occupied for the first time in 1912. It is a commodious structure, consisting of a well-lighted basement and three carefully arranged stories above ground. With its equipment it has cost about \$120,000. In it are the departments of Physics, Chemistry, and Biology.

The **"Training School"** of the State Normal College, a model building of its kind, has been erected and equipped at a cost of \$70,000. It is of fire-proof construction and has basement, ground floor, and two stories in height. It contains ten class-rooms, twelve recitation rooms, rest-rooms, offices, and an auditorium with seating capacity for 400 persons. The plan of lighting, heating, and ventilating shows the best that present building experience can suggest. Wide corridors, two large stairways, and four wide and easily reached exits lessen the danger to teachers and pupils in the event of a fire alarm.

The **"Agricultural and Domestic Science Building"** is under process of construction. Completed, it will have cost \$90,000. It is beautifully located on a street facing the campus, within a minute's walk of the two dormitories for women. When finished it will be one of the best buildings of the University. Its name indicates the purposes for which it will be used.

"Fire Protection." Foresight to safeguard life and property is shown in the ready means of extinguishing fires to be found in every building on the grounds. Standpipes, with hose attachment, are on every floor of each large building. Four strong extension ladders are placed where they can be reached easily in case of need. Sixty approved fire extinguishers have been located in places where their use would likely prove most serviceable.

DEPARTMENTS AND COLLEGES OF THE OHIO UNIVERSITY

Students are permitted to select work from the wide range of studies in the different departments and colleges of the University. In each of the four-year courses much of the work is required, but with the options and electives allowed there is opportunity for the student to specialize. Thorough-going specialization by an undergraduate is apt to result in an intensive knowledge of one thing with an extensive ignorance of everything else; consequently at Ohio University, in the College of Liberal Arts, about two-thirds of the work is required; in the State Normal College the proportion of required work is larger. However, as options are permitted in many cases, the student has great freedom in selecting those studies which will best prepare him for his future occupation.

The following statements show in concise form the range of educational work now offered:

COLLEGE OF LIBERAL ARTS

1. Courses leading to the degree of Bachelor of Arts (A. B.)
2. Courses leading to the degree of Bachelor of Science (B. S.)

Each of these is a four-year course based upon graduation from an accredited high school of the first grade, or equivalent scholarship, and requires 120 semester hours for completion.

The following Colleges and Departments are also parts of the College of Liberal Arts:

The School of Commerce:

1. A Collegiate Course—*two years*.
2. Special Courses in Accounting, Typewriting, and Stenography.

3. Teachers' Course in Stenography—*two years*.

Graduates of high schools having a four-year course will be admitted to the Collegiate Course without conditions.

College of Music:

1. Course in Piano and Organ.
2. Course in Vocal Culture.
3. Course in Violin.
4. Four year Course leading to the degree of Mus. B.

School of Oratory.

1. Two-year Course for Graduates of High Schools.
2. Five-year Course in Connection with Four-year College Course.

The Department of Physics and Electrical Engineering:

As a part of the scheduled work of this department there is a Short Course—two years—in Electrical Engineering. The course referred to leads to a diploma. It may all be taken as an elective course in connection with the Scientific Course as outlined in the catalogue, thus not only giving the graduate the degree of Bachelor of Science, but also establishing a special foundation for his life work as well.

Department of Mathematics and Civil Engineering:

The work of this department is of wide range and special excellence. It includes a Short Course in Civil Engineering—two years. The course leads to a diploma, but students are urged to take the B. S. Course, choosing the subjects of this course as electives.

STATE NORMAL COLLEGE

1. A Course for Teachers of Rural Schools—*two years*.
2. Course in Elementary Education—*two years*.
3. Course in Kindergarten—*two years*.
4. Course in School Agriculture—*two years*.
5. Course in Manual Training—*two years*.
6. Course in Domestic Science—*two years*.
7. Course in Secondary Education—*four years*.

8. Course in Supervision—*four years*.

9. Professional Course for Graduates from reputable Colleges of Liberal Arts—*one year*.

Diplomas are also given for the completion of Courses in Public-School Music and Public-School Drawing.

Admission to any of these courses, save No. 1, is based upon graduation from an accredited high school of the first grade.

STATE PREPARATORY SCHOOL

The Preparatory School, maintained in connection with the State Normal College, is felt to be a necessity under present educational conditions. Persons who can secure full high school training at home are urged to get it before attempting to gain admission to the Preparatory School, which is conducted to help those who cannot secure adequate preparation at home. The needs of the teachers and prospective teachers, looking forward to the advanced work of the State Normal College, have been fully provided for in the courses offered.

Primarily, the Courses of Study are planned with two ends in view: (1) To give the student the best possible instruction for the time he may be able to remain in college, and (2) to enable him to make special preparation for regular work in one of the diploma or degree courses of the University.

THE UNIVERSITY SUMMER SCHOOL

The work of the Summer School for 1914, June 22 to July 31, is shown in detail in a special Bulletin issued in January. The reprint of the essential features of that Bulletin will be found elsewhere in this catalogue.

DEGREES

The Bachelor's degree (A. B., B. S., Mus. B., or B. S. in Education) is conferred upon students who have completed any one of the four-year courses laid down in another part of this catalog.

An additional year's work, that is, thirty semester hours, will be required for the securing of a second Bachelor's degree. To illustrate—if a student has earned the degree of A. B. by securing 120 semester hours, he must secure an additional thirty hours to receive the degree of B. S. or B. S. in Education

The additional thirty hours shall be done in the line of his second degree upon the approval of a committee composed of the President, the Dean, and the professors under whom he is to do his work.

Ohio University does not confer the degree of Doctor of Philosophy (Ph. D.) Only graduates of the University are eligible to the honorary degree of Doctor of Divinity (D. D.)

The honorary degree of Doctor of Laws (LL. D.) is conferred upon those selected by joint action of the Faculty and the Board of Trustees. Other honorary degrees may be conferred when deemed proper by authorities above named.

REGULATIONS CONCERNING THE BACHELOR'S DEGREE

1. When a student registers he shall declare the course he is taking; and then when he is enrolled in the catalogue his name shall appear in but one place.

At the beginning of every month each professor and instructor shall send to the Deans and Principal of the Preparatory School the name of each student whose work is unsatisfactory. Uniform cards will be furnished for this purpose. The names of students belonging to the College of Liberal Arts shall go to the Dean of that College, etc.

2. A student shall be enrolled as a Freshman until he has removed all entrance requirements. This will allow him three semesters in which to do so.

3. In applied Music and Painting, but six hours of credit will be allowed to a candidate for a Bachelor's degree. In Manual Training and Domestic Science but six hours shall be allowed for such work as wood-work, and sewing and cooking. Only the first year's work in Stenography shall count as college credit. In the College of Liberal Arts, six hours will be allowed for practice teaching done in high-school subjects. For such work as Voice Culture, Pantomime, and the mechanical side of Oratory no credit shall be given. A total of twelve hours will be allowed from all the subjects above named, and no more.

4. Grading shall be done by the letters—A, B, C, D, E, and F.

A signifies Highest Honor

B signifies Honor

C signifies Creditable

D signifies Passing

E signifies Conditioned

F signifies Failed

These are the terms to be handed to the Registrar for his record. To aid the instructors in reaching some standard of uniformity, the following per cents are affixed to the predicates, —A, 95 to 100; B, 90 to 94; C, 80 to 89; D, 70 to 79.

5. If a student shall at graduation, in a four-year course, have had A's in four-fifths of his work, and above D in the rest, he shall have a seal on his diploma signifying "Highest Honor." If he shall have four-fifths in A's or B's and above D in the rest, he shall have a seal signifying "Honor." No student shall receive these honors who has not attended the University or the State Normal College at least four semesters.

6. In order to graduate, a student must have a grade above D in more than half his work.

7. Upon the removal of a condition, or upon passing special examination after a failure, the grade shall be recorded as a D.

REGULATIONS FOR THE GRANTING OF THE MASTER'S DEGREE IN COURSE

A holder of a Bachelor's degree from the Ohio University, or a college of equal rank, may obtain the Master's degree after complying with the following conditions:

1. He shall take thirty semester hours, or a year's work, in residence. The writing of the thesis shall be included in the thirty hours. No credit shall be given for work receiving a grade lower than B. If teaching more than five hours a week, the student shall be required to take more than a year's time in residence.

2. The candidate shall take one major and two minors, two of the three subjects must be related. The major study

shall comprise three-fifths and each of the minors one-fifth of the work. The three studies must be studied under at least two professors.

3. Before entering upon a course the candidate must obtain the recommendation of a Special Committee consisting of the President and the Deans, and the professor under whom he expects to take his work. His instructors shall then file an outline of the proposed course with this Special Committee, who shall approve or reject. When the work has been completed and the instructors have recommended the candidate for the degree, the candidate shall receive a final examination by a committee appointed for this purpose by the Special Committee. Upon the joint recommendation of the instructors and the examining committee the faculty shall act.

NUMBER OF HOURS AND SPECIAL WORK

Each student in a regular course is expected to take from fourteen to sixteen hours a week. By taking fifteen hours a week he can graduate in four years. Only by special permission will a student be permitted to take more than sixteen hours, and then only upon evidence that his work of the preceding semester has been a very high grade.

No work *in absentia* will be allowed at Ohio University.

In addition to the work of the regular semesters, not more than ten hours work, of which six shall be done in the Summer School, may be taken by any student in the course of the year. The remaining four hours must be included between the close of the Summer School and the opening of the Fall semester. To obtain credit for this work, the student must register in advance in the office of the University Registrar.

METHODS OF INSTRUCTION

Instruction is given both by recitation and lecture. The constant aim in both is to waken interests in study, to aid in the acquisition of knowledge, and to develop the power of thought and communication.

Some subjects better than others can be treated in lectures. The knowledge the student has of a subject is likewise a factor that is taken into account. The lecture method is generally

better adapted to advanced students than to those who are still in the elements. After the elementary principles have been thoroughly mastered from the text-book, supplemented with such elucidations as seem to be called for, the student is generally prepared to profit by the lectures of the teachers and to grasp the wider outlook that is the result of a knowledge of the subject rather than of the contents of any single book, or even of several books. In the observational studies the learner is, as far as possible, brought face to face with the objects themselves under consideration. The classes in Botany, Geology, and Elementary Science make excursions into the surrounding country for the purpose of collecting specimens and deriving scientific knowledge from original sources. The classes in Surveying and Mensuration have practice in the use of instruments in field work.

SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Ohio University recognizes and gives full credit to the classifications of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the first grade can enter the Freshman class of the College of Liberal Arts of the State Normal College, or enter upon the short courses in the School of Commerce, in Electrical Engineering, and in Civil Engineering *without examination*, provided they have completed at least fifteen units of secondary work as the terms are generally understood and applied in educational circles; also, graduates from high schools named in the accredited lists of colleges and universities of recognized high standing will be received, by certificate, on equal terms.

When any part of the fifteen units of secondary credit is made up of what may be regarded as legitimate college work the same will be accepted without examination, but no hours of *college credit* will be given therefor.

When the fifteen units of secondary credit do not include all the studies required as preparatory work by Ohio University, such studies may be regarded as electives, and included in the 120 hours of college work required for graduates.

The foregoing statements are made to show students that, in order to complete any one of the four-year degree courses, they must have fifteen units of preparatory credit, and 120 hours of collegiate work.

A unit represents a year's study in any subjects in a secondary school, constituting approximately a quarter of a full year's work.

"This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week but, under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit."

To enter the Freshman class of Ohio University fifteen units are required.

Graduates from a "Commercial Course" of a first-grade high school will be given full credit for the special work there done, should they enter upon any course connected with the School of Commerce; but if such graduates seek admission to the Freshman class of the College of Liberal Arts, or the State Normal College, they will be given such credit as may be deemed just and proper by the Faculty Committee on Registration, after a careful examination of each separate case.

The intent of the foregoing is to make it clear that Ohio University will recognize all work of a high school of the first grade *at its full value*. After the student is given admission, with college rank, to any scheduled course, he will be required to "make good," *in full measure*, all required and elective work necessary to complete 120 hours of credit.

In all cases where students seek to enter any of the colleges or departments of the University without examination, they must present to the Registrar the legal certificate, or a certified copy thereof, which accompanies the diploma of each high

school graduate; or a "Certificate of Application for Admission," prepared by the University, will be sent to prospective students thus enabling them to comply with the conditions hereinbefore stated.

Holders of High School Certificates, issued by the Ohio State Board of School Examiners, will be admitted to the Freshman class of any college or department of the University *without condition*. If they enter upon any four-year or degree course in the State Normal College, they will be given, in addition, such professional credit as conditions may suggest as just and proper. Also, any holder of the State Certificate, before referred to, may receive college credit for branches of college grade named therein when the same are accepted by the Faculty Committee on Registration of Students.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms, and under the same conditions as those prescribed for men.

REQUIREMENTS FOR ADMISSION

English (Rhetoric and Literature).....	3 units
History.....	1 unit
Mathematics.....	2 units
Science (Physics or Chemistry).....	1 unit
Foreign Language (Ancient or Modern).....	4 units

TABLE OF RECOGNISED UNITS

The eleven units named above are required of all candidates for admission to the Freshman Class. The following is a list of recognized units from which the total of fifteen units must be selected:

English.....	I, 2, 3, or	4 units
American History or American History and Civil Government.....		I unit
Ancient and Medieval History.....		I unit
English History.....		I unit
Algebra (through quadratics).....		$\frac{1}{2}$ unit
Algebra (beyond quadratics).....		$\frac{1}{2}$ unit
Geometry (plane).....		I unit
Geometry (solid).....		$\frac{1}{2}$ unit
Trigonometry.....		$\frac{1}{2}$ unit
Latin.....	2, 3, or	4 units
Greek.....	I, 2, 3, or	4 units
German.....	2, 3, or	4 units
French.....	2, 3, or	4 units
Spanish.....	2, 3, or	4 units
(With the exception of Greek, not less than two units of any foreign language will be accepted.)		
Physics.....		I unit
Chemistry.....		I unit
Physical Geography.....		I unit
Zoölogy.....		I unit
Botany.....		I unit
Physical Geography	} For the present any two of these may be counted together as 1 unit.	
Zoölogy		
Botany		
Physiology		
Agriculture	} The Registration Committee may, after investigating each claim, grant a total credit of not to exceed 2 units.	
Free-hand drawing		
Manual Training		
Domestic Science		
Commercial Geography		

HELPS TO REGISTRATION

Prospective students, who do not wish to take entrance examinations, should secure blank certificates of application for admission from the President or the Registrar of the University, then have their High School credits entered therein by the Superintendent of their local school and attested by his signa-

ture. These papers should then be forwarded to the University not later than September 1st, in order that the applicants, standing may be determined before the opening of the college year. Students coming from other colleges are required to present properly signed statements of work and certificates of honorable dismissal from the institution last attended.

In order to expedite registration, several members of the Faculty act as advisers for the various colleges and departments of the University. The following selection has been made for the year 1914-1915:

College of Liberal Arts, Dean Chubb.

Normal College, Dean Williams.

Electrical Engineering, Professor Atkinson.

Civil Engineering, Professor Addicott.

School of Commerce, Professor C. M. Copeland.

College of Music, Professor Thompson.

State Preparatory School, Principal Coultrap.

School of Domestic Science, Principal Bohn.

Agriculture, Professor W. F. Copeland.

Training School, Principal Waite.

Rural Training School, Professor Richeson.

Before reporting to the Registrar, *all students* should consult their course advisers, who will assist them to make out their work. They should next go to the Registrar's office, present their selection of studies, secure a registration card, and *pay their fees in full*.

Preparatory students will not be allowed to enroll for collegiate subjects unless their required preparatory work is not sufficient to complete their registration. Collegiate credit in any subject will not be granted to a student who is under fifteen years of age.

When a student has registered, no change may be made in his work, except in case of error, without the consent of his adviser and the Registrar. After three weeks, the consent of the Faculty is necessary.

DAYS FOR REGISTRATION

At the opening of the First Semester—in September—the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Tuesday from 7:30 A. M. to 11:30 A. M.

At the opening of the Second Semester the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Students who fail to register within the times designated will pay a registration fee of eleven dollars.

A student who is unable to take the examinations at the end of a semester can take a special examination only upon special permission and the payment of a fee of one dollar. The fee is to be paid in advance to the registrar.

All registration fees are due and payable in advance.

LIBRARY AND READING ROOM

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally supplied. The pedagogical section of the library is extensive, including the most recent literature on this subject. The University libraries contain about 44,400 volumes, a large part of which are of recent purchase. Recently five thousand dollars have been appropriated each year for the purchase of books, magazines, and pamphlets. This liberal allowance has secured an abundance of the best recent literature in the various fields of scholastic activity. The reading-room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

APPARATUS

The departments of Mathematics, Psychology, Physics, Chemistry, Biology, Elementary Science, Physiography, Manual Training, Domestic Science, Agriculture, Electrical Engineering, and Civil Engineering are well equipped with valuable apparatus, which is put at the personal disposal of the student.

These subjects are constantly illustrated by experiments, some of which are performed by the professor in charge, others by students under the direction of the professor.

The facilities for the work in science have been greatly increased by the removal of the Department of Physics, Electrical Engineering, Chemistry, and Biology into the new Science Hall, the commodious structure completed in 1912 at a total cost of about \$120,000.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnish each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well equipped for embryological and bacteriological work.

The Department of Physics and Electrical Engineering is well equipped for the work it undertakes to do. Additions are made each year both to the apparatus for class demonstration and to the equipment for individual laboratory work in the various courses. The laboratory for Elementary Physics is provided with apparatus for thorough work in mechanics, heat, light, sound, and electricity and magnetism. The laboratory for Advanced Physics is provided with all facilities for the more advanced phases of laboratory work, besides having arrangements for the investigation of special subjects, as required in advanced elective work, and for thesis work.

The Electrical Laboratory contains much apparatus for absolute measurements in electricity and magnetism. This Dynamo Laboratory, in the basement of Science Hall, contains various types of dynamos, transformers, gas engines and steam engines; also the necessary forms of voltmeters, ammeters, wattmeters, tachometers, rheostats, indicators, and other appliances for the various electrical and steam tests. The shops are well provided with machinery and tools for both wood and metal working.

The Chemical Laboratory occupies the entire second floor of the new Science Hall. Here are modern lecture rooms, offices,

dark rooms, lockers, and special laboratories both for elementary and advanced work in chemistry.

In the Department of Paidology and Psychology, a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences. This equipment has been carefully made with the end in view of having a laboratory well arranged for carrying on both elementary and advanced work.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The Department of Elementary Science—Normal College—occupies most desirable quarters on the third floor of Ellis Hall. The Department has a large equipment of well-selected apparatus and illustrative material costing several thousand dollars.

The equipment of the Department of Manual Training is to be found in two large rooms well located in Ewing Hall. One of these rooms contains the machinery used in instruction in iron work. The wood-working appliances are found in the room recently used as a gymnasium. In the iron-working shop are six motor-driven engine-lathes, a power-driven 20-inch drill-press, a 12-inch shaper, also motor-driven, and a power saw, besides smaller lathes, grinders, tools, and other appliances. In the wood-working room are found ten high speed wood-turning lathes, a 24-inch band saw, a 12-inch circular saw, a 12-inch jointer—all power driven; also twenty individual work benches and the necessary individual sets of tools.

The Department of Physiography is equipped with reflectroscope, tellurin, globes, relief maps, wall maps, blackboard outline maps, individual globes and abundant library references.

The Art Departments—University and Normal—occupy a large, well-lighted suite of rooms with equipments of an up-to-date character. Facilities for carrying on the special work of these departments are of the very best.

The Department of Domestic Science occupies a large part

of the Central Building. It has a modern equipment of the best appliances. During the coming year the Department will be moved into the large building now under process of construction at a cost of \$90,000.

THE MUSEUM

The Museum is located in the basement of the Carnegie Library. It already has a well catalogued and labeled collection of mineralogical, archæological and historical specimens. Many of these are rare and valuable. Among the special features to be seen are the Case Collection of geological specimens, the Lowry Filipino Collection, the Wickham Civil War Collection and the Wilmont Elton Brown Filipino Collection. Accessions are being made all the time and new quarters are necessary to accommodate the growing Museum.

MAPS, CHART, ETC.

Excellent sets of maps, chiefly those of Kiepert and others, published by Rand, McNally & Co., intended to illustrate the physical features and political changes of the historical countries of Europe and the East, have lately been added to the equipment of the institution. These, in addition to those before on hand, afford an important and well-nigh indispensable aid to the study of history and geography. The outfit in this regard is believed to be unusually complete.

Wall and portfolio pictures, and hundreds of lantern slides, form an important part of the equipment of many of the departments of the University.

DISCIPLINE—OPPORTUNITY

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the student's self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

A record is made of the daily work of each student. When the standing of the student, as shown by this record and exami-

nation, falls below an average grade of 70 per cent., he must review the study. A record is also kept of each student's department. A low standing in either record is followed by private admonition, and notice is given to the parents or guardian.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time he will be dismissed.

DEAN OF WOMEN

With a view to furthering the best interests of the young women students at Ohio University and in large measure in response to a desire on the part of those most interested in all that tends to the moral and social uplift of young women, the board of trustees has appointed a Dean of Women. Her duties while somewhat indefinable may well be surmised by the parents as well as the students when it is considered that she stands as the focus for all matters pertaining to girls. The rooming conditions are improved in that segregation in rooming houses is now practically complete and wherever it does not occur the parents may rest assured that special dispensation has been granted only after careful consideration of the circumstances and the arrangement of the house. It is the aim to obtain as nearly as possible equal regulations for both dormitory girls and those living in private families. Adjustment and harmony are the watchwords.

FEEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of nine dollars a semester. For the Summer School of six weeks the registration fee is three dollars. From each semester fee of nine dollars, one dollar and a half is turned over to the control of the Faculty Committee on "Athletic, Lecture, and Entertainment Fund." It is the purpose of this committee to administer the fund so that the students may have the oppor-

tunity to hear distinguished lectures, scholars, musicians, etc.

Laboratory Fees—In the laboratory courses in physics and electrical engineering, biology, elementary science, agriculture, paidology and psychology, and Course 1 in chemistry, there is a fee of \$ 1.50 a semester for each. In the other—the advanced and elective—courses in chemistry, the semester fee is \$ 3.00.

All laboratory fees are payable at the beginning of each semester in which the laboratory work is required. To these fees is added a small charge for breakage—to careful students usually not more than a few cents. Regular and special fees, save breakage fees, are collected by the Registrar when the student registers. Breakage fees are collected by the heads of departments. Any balance of such fees, after they have met the purpose for which collected, shall be returned to students upon their completion of the course, or when they withdraw from class with honorable dismissal.

Field Work in Civil Engineering—Students taking field work in Civil Engineering pay a semester fee of \$ 1.50.

Normal College Art Department—Instruction in school drawing is free. Students in elementary manual training, on account of material used by them, pay a fee of \$2.50 a semester. *This covers everything.*

Gymnasium—A deposit fee of \$1.00, collected by the Curator of the Gymnasium, is put up by each student at the beginning of each college year, or whenever he enters college. This fee is to insure the proper use of the locker, the return of the locker key, and the right handling of the gymnasium equipment.

School of Commerce—The fee in stenography and typewriting is \$6.00 a semester. The fee for typewriting alone is \$3.00 a semester. The registration fee of \$9.00 gives the student free instruction in other subjects scheduled.

College of Music—Fees, per semester, including the registration fee of \$9.00, are as follows:

Piano Lessons (two per week)	elementary grades.....	\$ 19 50
Piano	“ “ advanced grades.....	24 00
Voice	“ “	24 00
Violin	“ “	24 00
Organ	“ “	24 00

Rent of piano, one hour per day for each semester....	3 00
Rent of organ, one hour per day for each semester....	9 00

Students of the College of Music who have paid the regular registration fee of \$9.00 are entitled to pursue other regular college work without paying additional fees.

Diplomas and Certificates—For each diploma granted, in course, a fee of \$5.00 is charged; for each certificate, a fee of \$1.50. The diploma given in connection with the conferring of any honorary degree is presented free of charge.

Drawing and Painting—All instruction in drawing is free, but students taking individual instructions in painting pay a semester fee of \$15.00.

EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.50 to \$3.00 per week. Those students whose circumstances require it are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.75 to \$4.00 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and eighty young women can be received.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given:

LOWEST		MEDIUM	
Registration fee.....	\$ 18 00	Registration fee.....	\$ 18 00
Board in clubs, av'age	95 50	Board in priv. family	114 00
Room	31 50	Room.....	47 00
Books.....	15 00	Books	20 00
Laundry.....	20 00	Laundry.....	30 00
Incidentals.....	10 00	Incidentals.....	21 00
	<hr/> \$190 00		<hr/> \$250 00

This estimate is for thirty-eight weeks, and includes all necessary expenses. The additional charges for students who take electives in Chemistry and Electricity and for those receiving special instruction in Music, Painting, Elocution, and certain commercial branches are elsewhere noted.

SELF-HELP

It is the glory of Ohio University that she does not shut any of her doors against the poor boy or girl. The munificence of the State of Ohio furnishes her sons and daughters with the educational facilities that once were deemed the prerogatives of the children of the rich.

Recently an investigation revealed that about sixty young men at Ohio University were earning at least their boarding expenses while attending college. Twenty-five were waiters in restaurants and boarding clubs; ten were managers of boarding clubs; others were reporting for papers, collecting laundry, acting as agents for distant firms, etc. A caution, however, needs to be given. While an energetic student can find some way of paying at least part of his college expenses by his outside activities, it is often done at the expense of his scholarship. Second, the prospective student must remember that the best positions are already in the possession of the older students. A student should not come to college without having enough ready money to carry him through the first semester.

Said a student recently: "I have been at Ohio University for two years, and to me this is the place for a poor boy. It is a place where one can get the benefit of large appropriations

made by the State for running the school where almost all we spend is for our living expenses, which are as cheap, if not cheaper, than any place else; where the classes are comparatively small on account of the large faculty; where the location is very healthful, landscape beautiful, and the water is as pure as can be found anywhere."

THE ALUMNI LOAN FUND

Three thousand dollars have already been subscribed by the alumni and friends of Ohio University to the Alumni Loan Fund. The purpose of this fund is to loan money to deserving students who have proven their worth in character and scholarship. No aid is given before the student has completed 60 hours of college credit. The Fund is administered by a committee consisting of President J. D. Brown, of the Bank of Athens; the Dean of the College of Liberal Arts; and the Secretary of the Faculty.

WOMAN'S LEAGUE LOAN FUND

The Woman's League has established a loan Fund to be known as the Woman's League Loan Fund. The object is to assist girls with short loans payable within a period of three months or less, the loans not to exceed \$15. A committee composed of the President of the University, President of the Woman's League, and Dean of Women, will judge all requests for loans from this Fund.

RELIGIOUS INFLUENCE

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind;" and it has been the steady

purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three. The good man, the good citizen is not he who is best informed, but he who is constantly inspired with the thought that his knowledge should be used for the good of his fellowman. Knowledge without virtue is a curse and not a blessing. It is the constant policy of both Trustees and Faculty to inspire students with the love of knowledge and with desire to practice religion and morality. Accordingly only those persons are invited to profit by the means of instruction here placed within their reach, who are willing to conform their conduct as far as possible to the teachings of the Bible. We expect students who have spent some time with us to depart not only wiser, but also better, than they came. If such is not the case it will not be for want of care on the part of the Faculty.

YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and inviting appearance.

LITERARY SOCIETIES

There are three literary societies in the University, the Athenian, the Philomathean, and the Adelphean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation,

Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the Athenian and Philomathean literary societies, was held in the Spring term of 1901. Each succeeding Spring term of the college year has brought a contest of similar nature. Up to 1907, when Mr. J. D. Brown donated \$100 for the prizes, the prizes were as follows: First prize, \$30; second prize, \$20.

THE "BROWN PRIZE IN ORATORY."—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University, and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades, as follows: First prize, \$50.00; second prize, \$30.00; third prize, \$20.00. This generous action has stimulated increased interest among students, in the work of the literary societies.

The results of the different contests are shown herewith:

YEAR	FIRST PRIZE
1901.....	May S. Conner, Philomathean.
1902.....	James P. Wood, Philomathean.
1903.....	Albert J. Jones, Philomathean.
1904.....	Clarence Matheny, Athenian.
1905.....	Harley E. Baker, Athenian.
1906.....	Fred Shaw, Athenian.
1907.....	Malcolm Douglas, Philomathean.
1908.....	Ora C. Lively, Athenian.
1909.....	Horace E. Cromer and James A. Long. Philomathean, <i>tie</i> .
1910.....	Harley A. Tuttle, Athenian.
1911.....	H. L. Nutting, Athenian.
1912.....	Lewis H. Miller, Athenian.
1913.....	Olin S. Lutes, Adelpian.
YEAR	SECOND PRIZE
1901.....	Lissa Williamson, Philomathean.

1902.....	Adam G. Elder, Athenian.
1903.....	Victor Alvan Ketcham, Athenian.
1904.....	Josephine Caldwell, Philomathean.
1905.....	Floyd S. Crooks, Athenian.
1906.....	Malcolm Douglas, Philomathean.
1907.....	Lewis E. Coulter, Athenian.
1908.....	J. P. Alford, Philomathean.
1910.....	Elgie LeRoy Bandy, Athenian.
1911.....	Samuel S. Shafer, Adelprian.
1912.....	Samuel S. Shafer, Adelprian.
1913.....	William C. Hunnicutt, Philomathean.

YEAR	THIRD PRIZE
1907.....	G. C. Morehart, Athenian.
1908.....	A. S. Northup, Athenian.
1909.....	William T. Morgan, Athenian.
1910.....	Wilhelmina Boelzner, Philomathean.
1911.....	C. U. Keckley, Athenian.
1912.....	Carrie E. Ricketts, Athenian.
1913.....	Benjamin W. Miller, Philomathean.

STUDENT ORGANIZATIONS

In addition to the Christian and Literary societies already mentioned there are various organizations the nature of which is indicated by their titles,—The English Club, The Science Club, The German Club, The Chemical Society, The Glee Clubs, The Teachers' Club, the Oratorical Association, The Dramatic Club, The Booklovers Club, and the Art Club. There are also a number of Greek-letter sororities and fraternities, and two non-Greek associations, the Phrenocon and the Aloquin.

In the fall of 1913 The Woman's League was formed with the object, as stated in its constitution, "To foster the spirit of unity and loyalty to Ohio University, and to be a medium by which the moral and social standards shall be made and kept high."

THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second

year to the student or graduate of the institution who shall write the best original poem. The awards have been as follows:

YEAR	NAMES
1893.....	Miss Carrie Schwefel.
1895.....	Miss Esther Burns and Mr. John H. Atkinson.
1897.....	Miss Virginia M. Houston.
1899.....	Miss Virginia M. Houston, Mr. John H. Atkinson, and Miss Willa C. MacLane.
1901.....	Miss Willa C. MacLane.
1905.....	Miss Winifred Richmond.
1907.....	Mr. Harold Edgar Cherrington.
1909.....	Miss Mary Treudley.
1911.....	Miss Carrie Alta Matthews.
1913.....	Miss Clara E. Vester.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Mrs. Ella Wheeler Wilcox, Prof. George E. Woodberry, Prof. W. H. Venable, Prof. George P. Baker, Prof. Henry Van Dyke, Mr. Hamilton W. Mabie, Dean J. V. Denney, Mr. Edmund Vance Cooke, Prof. Richard Burton, Mr. Robert U. Johnson, Hon. James Ball Naylor, Prof. Bliss Perry, Prof. W. L. Phelps, and Ellery Sedgwick.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given: *they must be observed in every particular.* Amount, about \$120. Date of award not later than the opening of the second semester, 1915.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the second semester, 1915.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the production submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

FACILITIES FOR PHYSICAL EDUCATION

THE GYMNASIUM is well equipped, and affords excellent opportunities for development of the physical nature.

A fine running track has just recently been built in the gymnasium. This track is banked for the greatest possible speed, has a cork padding, and is one of the best indoor tracks in the state. In size, it is twenty laps to the mile.

Much new apparatus has also been added to the gymnasium within the last year: Several new mats, parallel bars, horse, jump-stands, kicking-pans, vaulting bar, suspended ladder, and striking-bag platform with bag. All of this apparatus is of the latest design, and the very best made.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each student as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given to both ladies and gentlemen.

ATHLETIC FIELD—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes'

walk southward from the campus. The field has been equipped especially for baseball, football, tennis, and track.

ATHLETIC RULES—I. Two semesters of gymnastic work are required in *all courses*.

2. This work covers two hours each week throughout the period required.

No credit will be given for work done in the gymnasium.

Work in the gymnasium is to begin as soon after matriculation as the above regulations will admit.

Where possible, the two semesters of gymnasium work should be done the first year, and must be completed before the student graduates from any course leading to a diploma or a degree.

SUPERVISION OF ATHLETIC SPORTS—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games. These games are played under Ohio Conference rules.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigation of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

COLLEGE OF LIBERAL ARTS

COURSES OF STUDY

Two degrees are given in the College of Liberal Arts—Bachelor of Arts (A. B.) and Bachelor of Science (B. S.) To receive either a student must have a credit of 120 semester hours. By taking fifteen hours a semester a student can graduate in four years; by attending the Summer School for three sessions he can do it in less time. Physical training in the gymnasium is required in addition to the 120 hours. Of the 120 hours about two-thirds is required work as outlined in the courses below. However, it is to be observed that in the required courses there are a number of options. In addition to the general B. S. course of four years, there are four-year courses leading to the degree of B. S. in which the specific requirements are outlined in this catalogue. In the four-year course in Household Economics 130 hours are required for graduation with the degree of B. S. There is also a four-year course in Music, leading to the degree of Mus. B.

It will be observed that during the first two years the student is obliged to follow prescribed courses, but that thereafter he has opportunity to chose from a wide range of electives. If he intends to teach, he may include those professional studies which are given in the State Normal College; if he is going into business, he may select from the School of Commerce; if he intends to be a physician, he may select from the chemical and

biological departments; if he intends to become an electrical or civil engineer, he may select from the departments of mathematics and physics; if she wishes to combine culture with a knowledge of the practical household arts, she may elect from the department of Household Economics. By requiring in the earlier years those studies that experience has designated as especially cultural, such as the Ancient and Modern Languages, Mathematics, the English Language and Literature, the various Sciences, History, Philosophy, and Economics, and then in later years permitting the mature student to elect where his interests lie, the authorities hope they have made wise and adequate provision for a thorough and liberal education.

A student electing German in the Freshman year is required to continue the study of the language two years unless he has two years of preparatory credit in it. In the latter case, but one year of college German is required. If a student elects either French or Spanish the first year, he may take the other language the second year.

With the idea of developing power by the intensive study of one subject, each student, in his course, must elect studies from one department until he has a total of twenty semester hours of credit, including the required work in the department; or fourteen hours in each of two related departments.

Each student seeking the B. S. degree must select at least one course in Physics.

Each semester covers a period of nineteen weeks. Each recitation period is an hour in length and represents fifty-five minutes of actual class-room work.

REQUIRED SUBJECTS FOR THE DEGREE OF BACHELOR OF ARTS

FRESHMAN YEAR

First Semester

Two from these: Greek 4; Latin 4; a Modern Language 4.
Col. Algebra or Physics 3.
Economics 3.
English Composition 2.

Second Semester

Two from these three: Greek 4; Latin 4; a Modern Language 4.
Plain and Spherical Trigonometry or Physics 3.
Zoölogy or Botany 3.
English Composition 2.

SOPHOMORE YEAR

First Semester

One from these three: Greek 4; Latin 3; a Modern Language 3.
Chemistry or Physiology 3.
European History 2.

Second Semester

One from these three: Greek 3; Latin 3; a Modern Language 3.
Tennyson and Browning 3.
Chemistry or Physiology 3.
European History 2.

JUNIOR YEAR

First Semester

Survey of English Literature 3.
Psychology or Ethics 3.
Public Speaking 2.

Second Semester

Survey of English Literature 3.
Psychology or Sociology 3.

SENIOR YEAR**First Semester**

Geology 3.

Philosophy or Logic 3.

Second Semester

Philosophy or Advanced Civics 2.

Thesis 3.

**REQUIRED SUBJECTS FOR THE DEGREE OF
BACHELOR OF SCIENCE**

FRESHMAN YEAR**First Semester**

Chemistry 4.

A Modern Language 4.

College Algebra or Physics 3.

Economics 3.

English Composition 2.

Second Semester

Chemistry 4.

Plane and Spherical Trigonometry or Physics 3.

A Modern Language 4.

Zoölogy or Botany 3.

English Composition 2.

SOPHOMORE YEAR**First Semester**

One of these four: Analytical Geometry (Finished) Differential
Calculus (Begun) 3; Physics 3; Chemistry 3; Biology 3.

Physiology 3.

European History 2.

A Modern Language 3.

Second Semester

A Modern Language 3.

Physiology 3.

Tennyson and Browning 3.

European History 2.

There are students who wish to take a course in HOUSEHOLD ECONOMICS but who do not wish to teach. For such the following course has been prepared. It is a four-year course and leads to the degree of B. S. in the College of Liberal Arts.

LIBERAL ARTS COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

FRESHMAN YEAR

FIRST SEMESTER

A Foreign Language.....	3
Chemistry	3
Sanitation.....	2
Food Study.....	3
Sewing I.....	2
Cooking I.....	2
Drawing	1
English Composition.....	2
	<hr/>
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SECOND SEMESTER

A Foreign Language.....	3
Chemistry.....	3
Sewing II.....	2
Cooking II.....	2
Textiles and Home Nursing.....	1
Applied Design	2
English Composition.....	2
American History.....	3
	<hr/>
	18

SOPHOMORE YEAR

FIRST SEMESTER

A Foreign Language.....	3
European History.....	3
Primary Hand Work.....	2
Sewing III.....	2
Cooking III.....	2
History and Organization of Domestic Science....	1
Household Management..	3
	<hr/>
	16

SECOND SEMESTER

A Foreign Language.....	3
Bacteriology.....	3
Sociology.....	3
Sewing IV.....	2
Cooking IV.....	2
Dietetics	2
Tennyson and Browning..	3
	<hr/>
	18

After the student has completed these 70 hours, she shall for the degree of B. S., complete 60 additional semester hours. These hours shall include:

Two more years of a foreign language.....	12 hours.
One year of mathematics or chemistry.....	6 hours.
One year of English literature.....	6 hours.
One year of philosophy.....	6 hours.
	<hr/> 30 hours.

The thirty additional hours shall be elected from cultural subjects such as history, science, literature, language, and philosophy.

It will be noticed that 130 hours are required for graduation in this course.

DETAILED STATEMENT OF THE DEPARTMENTS OF INSTRUCTION

COLLEGIATE DEPARTMENT

RHETORIC AND ENGLISH LITERATURE

PROFESSOR CHUBB

ASST. PROFESSOR MACKINNON

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

The Library is the laboratory of the English Department. In the study of an author different students are assigned different works for reading. Each student then reports, sometimes in an address, sometimes in an essay, upon the results of his reading.

When studying literature, emphasis will also be placed upon the practice of composition, and in the classes in rhetoric much attention will be given to the study of literature.

RHETORIC AND ENGLISH LITERATURE

First Semester

I. ENGLISH COMPOSITION—2 hours a week. Freshman. Required throughout the year. The one definite purpose in this course is to increase the student's power of self-expression. The main emphasis is upon actual practice in oral and written

composition. *English Composition*, by Canby and others, is the text. There will be four sections.

2. SURVEY OF ENGLISH LITERATURE—3 hours. Junior, required. The course of the first semester extends from Beowulf to Addison; that of the second from Pope to the present time. Much use is made of the *Century Readings in English Literature* by Cunliffe Pyre, and Young. Outlines and lectures are given by the teacher. The course runs throughout the entire year. The whole year's work is required of all candidates for the A. B. degree; only the first half is required of candidates for the B. S. degree. There are two sections.

3. SHAKSPERE—3 hours. Elective. About eight plays will be read in class, in an order selected to show the development of Shakspeare's genius. *An Introduction to Shakspeare*, by MacCracken, Pierce, and Durham is also studied.

4. (THE ROMANTIC MOVEMENT IN ENGLISH LITERATURE—3 hours. The course will cover the beginnings of the movement in the Eighteenth century, its culmination in the early years of the Nineteenth century with Scott, and later development with the Pre-Raphaelites. Text, *English Romanticism in the Eighteenth and Nineteenth Centuries*, by H. A. Beers. This course alternates with No. 7, and will be omitted in 1914-15.)

5. ADVANCED COMPOSITION—2 hours. The work will deal mainly with the short story, but the course may be varied to suit the wishes and needs of the class. A text book may be used. The course will be restricted to those who have shown superior ability in composition.

6. THE ENGLISH BIBLE—1 hour. Courses in the Old Testament and the New Testament are given throughout the year by Professors Evans and Treudley.

7. ENGLISH PROSE FICTION—3 hours. A rapid survey of the origin and development of the English novel, and a discussion of modern tendencies. The reading of about eight novels will be required. Instruction mainly by lectures.

Second Semester

8. SURVEY OF ENGLISH LITERATURE—(See Course No. 2.)

9. ENGLISH COMPOSITION—(See Course No. 1.)

10. TENNYSON AND BROWNING—3 hours. Required in the Sophomore year. Tennyson's *In Memoriam*, *The Idylls of the King*, and some of the shorter poems, and Browning's shorter poems and dramas will be studied. The student will need a modern complete edition of these poets. There will be two sections.

11. BYRON, KEATS, AND SHELLEY—3 hours. The most important poems by these writers will be read. The course is a sequence to Course No. 4.

12. (THE MODERN DRAMA—2 hours. Some of the most interesting and important plays will be read from Ibsen, Sudermann, Hauptmann, Maeterlinck, Rostand, Pinero, Shaw, Jones, Galsworthy, Fitch, Strindberg, and Kennedy. Free class discussion will be invited. The object of the course will be to obtain some idea of the present day tendencies in the theater. This course alternates with No. 13, and will be omitted in 1914-15).

13. EARLY ENGLISH LITERATURE—2 hours. This course will cover a hasty review of Old English poetry in translation, a more detailed study of the Middle English period, particularly of Chaucer, the popular ballad, and the origin of the English drama.

GREEK

PROFESSOR DUNKLE

It is the aim of this Department to enable students to read the authors commonly read in colleges, and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German, and English. Especial prominence is given, as the student progresses, to the following points: first, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. The ear is regarded as equally important with the eye in the interpretation of words. When possible, some entire work of an author is read, as it is believed that a more lasting and more satisfactory impression will thus be made on the mind of the students than by the use of selections only. It is a well-

established principle in the study of teaching of the ancient languages that they should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction. It is here claimed that the study of the Greek language, together with all that should properly be taken in connection therewith, will contribute the most important elements of a liberal education.

The study of collegiate Greek is preceded by one year of preparatory work covering an elementary course and the first book of Xenophon's *Anabasis*. All candidates for the degree of A. B. who elect Greek are required to pursue the study of that language through the Freshman and Sophomore years. The Greek of the Junior year is wholly elective. One or more years of Greek may be elected by students who are taking courses leading to other degrees than that of Bachelor of Arts.

The following courses in collegiate Greek are offered for 1913-14.

First Semester—Xenophon's *Anabasis*, Books II-IV, and Greek

Prose, Freshman, 4 hours,

Herodotus, Sophomore, 3 hours.

Demosthenes de Corona, Junior, 3 hours,

Second Semester—Homer's *Iliad* and Greek Prose, Freshman
4 hours.

Plato's *Apology* and *Krito*, Sophomore, 3 hours.

The *Medea* of Euripides and Sophocles' *Antigone*, Junior, 3 hours.

DEPARTMENT OF LATIN

PROFESSOR EVANS

ASST. PROFESSOR MOORE

The following courses will be offered for the year 1914-15:

FIRST SEMESTER:

Course I—4 hours a week.

First Half—*De Senectute*.

Second Half—*Livy* (Selections)

Latin Writing.

This course is open to all who have met the requirements for admission to the Freshman Class. The aim of this course is: 1st. To develop the faculty of expressing the thought of the Latin in smooth and correct English. 2nd. Careful rendering of idiomatic English into Latin, giving especial attention to the arrangement of words and clauses in the Latin sentences.

Course III—3 hours a week.

First Half—De Oratore.

Quintilian (Selections)

This course like Course I is required for the degree of A. B., except of those who elect another foreign language instead.

Course V—Elective—2 hours a week.

Seneca, } Roman Drama (Selections)
Terence, }

SECOND SEMESTER:

Course II—4 hours a week.

First Half—Odes and Epodes of Horace.

Latin Writing.

This course is open to those who passed in Course I.

Course IV—3 hours a week.

Epistles and Satires of Horace (Selections)

Juvenal.

Prerequisites: Courses I, II and III.

Course VI—Elective—2 hours a week.

Lucretius and other Selections.

Latin literature gives us, when we have mastered the language, a view of human life in a civilization as complex as our own, though different from it. Ancient Rome was the great turn-stile of history. Toward it all preceding history converged, and from it all subsequent history has radiated, and the Latin was the language of a people who had gleaned the best of all that had gone before. The genius and the energy of the people are reflected in their language. Its sentences are, as it were bundles made up of directness, terseness, and force, and the endeavor in the Latin course, is to study in this light the literature and history of this moral and mighty people, who were able to make the citizenship and language of Rome the coveted privilege of the world, and furnished fundamental lessons for modern thought.

MATHEMATICS AND CIVIL ENGINEERING

WILLIAM HOOVER, *Professor of Mathematics*

LEWIS J. ADDICOTT, *Professor of Civil Engineering*

HOMER S. HOPKINS, *Assistant*

COLLEGIATE MATHEMATICS**First Semester**

College Algebra, 3 hours. Freshman.

Analytical Geometry, 3 hours. Sophomore.

Analytical Mechanics, 4 hours. Junior.

General Astronomy, 3 hours (elective); prerequisites, all preceding courses. Junior.

Second Semester

Plane and Spherical Trigonometry, 3 hours. Freshman.

Analytical Mechanics (continued).

Differential and Integral Calculus, 3 hours. Sophomore.

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

PLANE TRIGONOMETRY—There will be used in the second semester Bauer and Brooke's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principles. In calculation the methods of the professional computer will be used.

SPHERICAL TRIGONOMETRY—Chauvenet's excellent and standard text is used. About all the text for which the student is prepared, at this stage of his mathematical study, is taken. Special pains is taken in computation.

FRESHMAN ALGEBRA—The continuation of Fisher and Schwatt's *Higher Algebra* used in the third year preparatory course and starting with a quick review of quadratic equations and succeeding subjects. In addition the chapters on the bino-

mial theorem, logarithms, permutations and combinations variables and limits, the parts of Chapter XXXIII on infinite series which contribute to the determination of the conditions of convergency of the expansion of a binomial with any rational exponent and recurring series, method of differences, interpolation, Chapters XXXIX and XI, on determinants and the theory of equations, all illustrated by the solutions of many original exercises. Given in the first semester, Freshman year, and repeated in the immediately following semester.

ANALYTICAL GEOMETRY—Fine and Thompson's *Coördinate Geometry* will be taken in the first semester, special effort being put on the original exercises. This branch is of great importance to engineering students. It is, besides, of most valuable disciplinary importance to any undergraduate.

DIFFERENTIAL CALCULUS—This will be given in the second semester of the Sophomore year. The first nineteen chapters of Osborne's revised text will be used.

INTEGRAL CALCULUS—This is a continuation of the work in Osborne's text, and will be given in the second semester of the Sophomore year. The method of limits is the basis of the theory. Extensive drill in integration is given the student that he may acquire skill in this refined and highly useful instrument of investigation.

ANALYTICAL MECHANICS—Bowser's text, applying every previous mathematical course of the student, is taken in the first semester of the Junior year, and affords the best chance of show of ability in mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

COLLEGE ASTRONOMY—Young's *General Astronomy* is used most emphasis being placed upon the parts of a more mathematical character. As largely as possible, the student is made acquainted with the methods of the professional astronomer. Begun in the first semester, Junior year.

ELECTIVES—The following are among the electives in recent texts by the best Americans and British writers: Advanced Theory of Equations, including Advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations Advanced Statics and Dynamics; Elliptic Functions; Syherical

Harmonics; Least Squares; Mathematical Optics; and other Mathematical Physics, with Theoretical Astronomy.

Work in Civil Engineering was planned under action taken by the University Trustees in 1904. The course is designed to give students a working knowledge of the various subjects offered.

LIMIT OF COURSE—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Drafting-room and field practice make up a large part of the course.

EQUIPMENT—The Department makes use of seven rooms in the building known as the East Wing. The drafting-rooms have fifty large tables, for drawing and mapping, and cabinets for drawing-boards, paper, instruments, etc. The instrument-room contains two Gurley 8-inch mining transits, two Ulmer 11-inch transits, a Buff & Berger 11-inch transit, a Keuffel & Esser 11-inch transit, a Keuffel & Esser solar transit, a Keuffel & Esser precision level, three Gurley 20-inch Y-levels, an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, a Keuffel & Esser 20-inch Y-level, two Keuffel & Esser 12-inch levels, a Gurley Plane-Table, a Mariner's Sextant, a Gurley compass, and numerous other instruments essential to field work, such as tapes, stadia rods, leveling rods, ranging poles, hand-levels, etc. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a 20,000 lb. Olsen Testing Machine, a Fairbanks improved testing machine, the Vicat, Gilmore's needles, molds, sieves, etc. New instruments and apparatus will be added as necessity requires, and every effort made to keep the department up-to-date in every particular.

REFERENCE WORK—The leading periodicals and magazines relating to Civil Engineering are in the department library, and many others are in the Carnegie library, all of which are accessible to the students at all times. Among the magazines which are available for student use, are the following: Engineering News, Engineering Record, Railway Age Gazette, Mines and minerals, Cement, Reports of Engineering Societies, Journal of the Association of Engineering Societies, Western Society of Engineers, Engineering and Mining Journal, and many others that are not strictly Engineering magazines.

Ohio University does not offer regular engineering courses, but has scheduled a number of elective subjects in civil engineering, that can be taken in connection with the regular scientific course.

SCIENTIFIC COURSE WITH CIVIL ENGINEERING ELECTIVES

The following Scientific Course with Civil Engineering electives will lead to the Bachelor of Science Degree, in four years.

First Year

FIRST SEMESTER—English Composition, 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Chemistry, 4.

SECOND SEMESTER—English Composition, 2; Mathematics, 3; Descriptive Geometry, 2; Mechanical Drawing, 2; Elements, of Mechanics, 3; Chemistry, 4.

Second Year

FIRST SEMESTER—Survey of English Literature, 3; Analytics and Calculus, 3; Scientific German, 2; History, 3; Physics, 3; Reënforced Concrete, 3.

SECOND SEMESTER—Survey of English Literature, 3; Calculus, 3; Scientific German, 2; Physics, 3; Sanitation, 3; Surveying and Leveling, 4.

Third Year

FIRST SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Railroad Engineering, 3; Field Work, 2; Geology, 3.

SECOND SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Commercial Law, 3; Topographic Surveying, 3; Instrument Adjustment, 1.

Fourth Year

FIRST SEMESTER—Civil Engineering, 4; Economics, 3; Thesis, 3.

SECOND SEMESTER—Civil Engineering, 4; Details of Construction, 3; Hydraulics or Mechanics, 3; Thesis, 3.

The completion of the above course entitles the student to the degree of Bachelor of Science, and a certificate stating that he has completed the short course in Civil Engineering.

For those who for any reason are unable to undertake the above course the following short course in Civil Engineering is provided, the completion of which entitles the student to a certificate certifying to the character of the work completed.

First Year

FIRST SEMESTER—English Composition, 2; Mathematics, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Electricity, 4.

SECOND SEMESTER—English Composition, 2; Mathematics, 3; Descriptive Geometry, 2; Elements of Mechanics, 3; Surveying and Leveling, 3; Field Work, 1; Electricity, 2.

Second Year

FIRST SEMESTER—Railroad Engineering, 3; Field Work, 2; Civil Engineering, 4; Reënforced Concrete, 3. Mathematics, 3.

SECOND SEMESTER—Civil Engineering, 4; Topographic Surveying, 2; Field Work, 1; Details of Construction, 2; Drawing I; Mathematics, 2; Commercial Law, 2; Engineering Instruments and their use, 1.

In the first year those who desire may substitute a year's work in Chemistry, or a modern language for the work in Electricity.

EXPLANATORY STATEMENT

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

A large number of young men have taken this Short Course, and have found very satisfactory positions after completing the work.

The work in Mechanical Drawing continues throughout the Freshman year, and embraces twenty-four plates. Much attention is given to lettering. Cross's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman

year. During the first semester the work consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces and to their intersection. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the second semester. Church's *Descriptive Geometry*, is the text used. Merriman's *Elements of Mechanics* is taken up during the second semester. The work in the text-book is supplemented with additional problems.

Leveling and Surveying, of the second semester, consists of three hours per week of recitations and one afternoon per week of field work, embracing the following: Chain, Compass and Transit Surveying; the use of the Plane Table and Leveling.

The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Gillespie's *Surveying* is the text used.

The work in Railroad Engineering is taken up during the first semester of the second year. This consists of three hours per week of recitations and one afternoon a week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searle's *Field Engineering*.

In Stereotomy, the work of Siebert and Biggin is used and enough class work is given to obtain a working knowledge of the subject. A number of original problems and drawings are required.

The course in Engineering Instruments and Their Use is intended to familiarize the student with such instruments as the Sextant, Plane-Table, Polar Planimeter, Universal Drafting Machine, Pantograph, Slide Rule, Solar Transit, Precise Level, and other instruments.

The subject dealing with Details of Construction, as given in the second semester, consists of two recitations per week and one afternoon of drawing. Each student designs and completes the working drawing, with blue prints, of a wood

and steel truss. Howe's *Design of Simple Trusses in Wood and Steel* is the text used.

Fiebeger's *Short Course in Civil Engineering*, is the textbook used in discussing the various subjects offered under the general head of Civil Engineering. The course is given throughout the entire year and embraces the following subjects: Loads on Beams, Trusses of all kinds, Graphics, Dams, Retaining walls, Hydraulics, Water Supply, Sewer Construction, and Pavements.

During the second semester the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn; conventional signs are used to represent the different structures and objects that appear upon the map.

The topographic map of the Campus, in the front of the catalogue, was a part of the regular work of the class of 1908. Each year a similar map is made, thus familiarizing the student with platting and mapping.

The work in Mathematics, Science and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of Mathematics, Language, English, etc., in the regular classes of the University.

Students of the University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students are urged to take the scientific course and elect their work from the subjects offered in civil engineering.

This will enable them to complete a regular scientific course and at the same time complete all the work offered in the short course in Civil Engineering.

GERMAN

PROFESSOR DOERNENBURG,

MR. CARTER.

The purpose of the work of the first year is to secure a thorough knowledge of the fundamental principles of the German language and to acquire an extended vocabulary. The work in the class-room is carried on in German as far as practicable.

After the first year the aim is to familiarize students with the best German literature, and, at the same time, constantly to afford practice in the oral and written acquisition of the language. In the second year the work is largely carried on in German, and after the second year entirely so.

A German Club, maintained by students beyond the first year and meeting once a month, assists students in acquiring proficiency in the use of colloquial German.

COURSES

1. ELEMENTARY GERMAN. First semester, 5 hours a week, required. *Kayser and Montaser: Foundations of German* completed. *Spanhoofd's Erstes Lesebuch*. Conversation based on *Newson's First German Book* in connection with Hoelzel's charts on the seasons.

2. ELEMENTARY GERMAN. Second semester, 5 hours a week, required. Conversation continued. Reading of short modern stories such as *Storm's Immensee* and *Eichendorff's Aus dem Leben eines Taugenichts*. *Wesselhoeff's German Composition*.

3. SECOND YEAR GERMAN. First semester, 4 hours, required. Reading: *Max Mueller's Deutsche Liebe* or *Wildenbruch's Das edle Blut und Der Letzte*; *Schiller's Wilhelm Tell* or *Die Jungfrau von Orleans*. Conversation based on *Bacon's Im Vaterland*. *Pope's German Composition*.

4. SECOND YEAR GERMAN. Second semester, 4 hours, required. *Goethe's Hermann and Dorothea* and other works, typical of German life and ideals. Conversation and composition continued.

5. MODERN GERMAN DRAMATISTS. 3 hours, elective. Selected dramas of Grillparzer, Hebbel, and other authors, like *Ludwig*, *Anzengruber*, *Sudermann*, and *Hauptmann*. Representative dramas of these authors will be studied in class and others will be assigned for private reading. Lectures and recitations throughout the year.

6. MODERN GERMAN NOVELISTS. 3 hours, elective. Selected novels of *Scheffel*, *Freitag*, *Raabe*, *Keller*, *C. F. Mayer*, and *Sudermann*. Representative works of these authors will be studied in class and others will be assigned for private reading. Lectures and recitations throughout the year. (Omitted in 1914-1915).

7. LESSING. First semester, 3 hours, elective. Introductory study of his life and selections from his works. *Emilia Galotti* and *Nathan der Weise*.

8. MIDDLE-HIGH-GERMAN LITERATURE. Second semester, 3 hours, elective. The literary movements from the twelfth to the end of the fifteenth century. Reading: *The Nibelungelied* and *Parzival*. Selections from *Walter von der Vogelweide* and other Minnesingers.

9. SCHILLER. First semester, 3 hours, elective. Lectures and reports. Reading: *Wallenstein's Tod* and *Maria Stuart*. (Omitted in 1914-1915)

10. GOETHE. Second semester, 3 hours, elective. Lectures and reports. Reading: *Faust*, *Tasso* or *Iphigenie auf Tauris*. (Omitted in 1914-1915)

11. SCIENTIFIC READING. First semester, 2 hours. For students desiring to acquire faculty in the reading of scientific literature. Required in courses of Engineering. Text: *Wellentin's Grundzuge der Naturlehre*.

12. SCIENTIFIC MONOGRAPHS. Second semester. Required as in 11.

For students that had little or no practice in speaking German, the following work is offered to precede the regular Freshman work, although it will be counted for College credit. Great stress in this class will be laid on conversation; the grammar will also be thoroughly reviewed.

CONVERSATIONAL GERMAN First semester, 3 hours. Review of Grammar. Conversation based on *Newson's First German Book* and Hoelzel's charts on the seasons. Reading of several short modern stories with composition and conversation based on the text read.

CONVERSATIONAL GERMAN. Second semester, 3 hours. Similar reading and conversation as in the preceding course.

THE TEACHING OF GERMAN IN GRAMMAR AND SECONDARY SCHOOLS. Prospective teachers of German will be given opportunity to teach and observe classes in German. There will also be a lecture given once a week on methods of the teaching of German and their application to the teaching of translation, reading, composition, pronunciation, and grammar, throughout the year.

ROMANCE LANGUAGE

LILLIAN G. ROBINSON, *Professor*

WILBUR R. MCREYNOLDS, *Assistant*

FRENCH

FRENCH 1—The object of the course is to give the essentials of the grammar, including the conjugation of the regular and the more common irregular verbs; a careful drill in the pronunciation; the use of the personal pronouns, common adverbs, prepositions and conjunctions; the order of words in the sentence the elementary rules of syntax; the reading of one hundred pages of graduated texts, with constant practice of translating into French easy variations of the sentences read. First semester, 4 hours.

FRENCH 2—Continued drill upon the rudiments of grammar with constant application in the construction of sentences; mastery of the forms and use of pronouns, pronominal adjectives, of all irregular verbs, and of the simpler uses of the conditional and subjunctive; the reading of not less than three hundred pages of modern prose in the form of stories, plays or historical sketches; constant practice in translating into French easy variations upon the texts read; frequent abstracts of the texts; continued drill in pronunciation, conversation and dictation. Second semester, 4 hours.

FRENCH 3—Idioms, synonyms and diction. The course calls for the ability to use the language effectively as a means of oral and written expression. Characteristic prose and poetry form the basis for more advanced language study. First semester, 3 hours.

FRENCH 4—Outline history of French literature. This course traces the history of French literature from its origin to the present day, bringing out the great currents in their relations to each other. Illustrative readings from representative authors will be assigned for study and report, and themes and essays on literary subjects will be required. Second semester, 3 hours.

FRENCH 5—French literature of the XVII century. Classicism, origin, formation, apogee, decline. Writers: Boileau Moliere, Racine, Corneille, La Fontaine, Pascal, Bossuet, etc. First semester, 2 hours.

FRENCH 6—French literature of the XVIII century. Writers: Le Sage, Marivaux, Montesquieu, Voltaire, Diderot Jean Jacques Rousseau, Regnard, etc. Second semester, 2 hours.

FRENCH 7—French Literature of the XIX century. Study of the representative works beginning with Victor Hugo and the French romanticists. First semester, 2 hours.

FRENCH 8—French literature of theXVI century. Origin of classicism in France; study of language and literature with illustrative readings. Second semester, 2 hours.

FRENCH 9—History of the French language. Lectures on the general history of the French language from its origin to the present time. First semester, 2 hours.

FRENCH 10—Scientific French. First and second semesters, 3 hours. No course will be given for fewer than four.

SPANISH

SPANISH 1—Careful drill in pronunciation, including accentuation; the rudiments of grammar, including all the regular and the more common irregular verbs, the forms and order of the personal pronouns, the uses and meaning of the common prepositions, adverbs and conjunctions, the uses of the personal accusative, and other elementary rules of syntax. First semester, 3 hours.

SPANISH 2—Practice in speaking and writing Spanish, together with the careful reading of several modern novels and dramas. Attention is constantly diricted to points of syntax, idiomatic constructions, synonyms, and the translation of English into Spanish. Second semester, 3 hours.

SPANISH 3—Spanish prose composition. This course is designed to give the student a practical command of Spanish as a medium of expression. It may be varied to adapt it to the needs of the student, now tending more to commercial forms of composition, now to those forms used in literature, or by travellers. First semester, 2 hours.

SPANISH 4—General introduction to Spanish literature. Illustrative readings from representative authors will be assigned for study and report, and themes and essays on literary subjects will be required. Second semester, 2 hours. No course will be given for fewer than four.

ITALIAN

ITALIAN 1—A course in beginning Italian. It is preferred that students have one year of French before entering upon this course.

ITALIAN 2—A continuation of Italian 1, consisting mainly of reading and conversation. In both courses especial attention is given to the pronunciation.

PHILOSOPHY, ETHICS, AND SOCIOLOGY

PROFESSOR TREUDLEY

OUTLINE OF COURSES

FIRST SEMESTER		SECOND SEMESTER	
No.	Courses	No.	Courses
1.	Introduction to and History of Philosophy. Three hours.	1.	Introduction to and History of Philosophy. Three hours.
2.	Philosophy of Aesthetics. Two hours.	3.	Philosophy of Religion. Two hours.
4.	Logic. Three hours.	5.	Readings in Philosophy. Two hours.
6.	Ethics. Three hours. Required in courses.	7.	Advanced Ethics. Two hours.
8.	Reading in Sociology. Two hours.	9.	Problems in Philosophy. Three hours. Required in some courses.
10.	Studies in Ancient and Medieval Classes. Two hours.	11.	Studies in Ancient and Medieval Classics. Two hours.
		12.	Sociology. Two hours. Required in some courses.

REMARKS—The work of this department, subject to limits of time, is intended to afford students some real insight into the theoretical and practical details of the subjects offered. There is pre-supposed some maturity of thought and experience because these studies deal with life in its most fundamental relations. Various courses are offered to meet varying needs.

COURSE 1—Students seeking the Degree of Bachelor of Arts may select Philosophy Course 1, but if so, they must pursue it throughout the year. The work embraces during the first semester a study of philosophical problems, after which the subject leads into the history of philosophy, dealing chiefly with Greek systems of thought. Medieval and Modern Philosophy is studied during the second semester.

COURSE 9—Students seeking the Degree of Bachelor of Science in Education are required to pursue this course. It is offered as will be observed in the second semester, and deals with the problems of Philosophy somewhat more elaborately than does course 1.

COURSES 2, 3, and 5—Three elective courses of two hours a week are offered, viz., Philosophy of Aesthetics, Philosophy of Religion, and Readings in Philosophy. These courses are designed to serve the purposes of students of maturity of thought and somewhat extended experience who would like to look more deeply than ordinarily into these great fields of expression of human life. It is hoped to throw some permanent light upon the questions presented so as to enable the students to realize in some degree their significance.

COURSE 6—This course in Ethics involves both a theoretical and practical treatment of the subjects of morals. It is required of all students seeking the degree of Bachelor of Science in Education from the State Normal College.

COURSE 7—To those persons desiring further work along ethical lines, Course 7 is offered in the second semester. This deals with modern ethical problems and is pursued by means of lectures, readings, and reports.

COURSE 4—The course in Logic embraces, together with the study of the theory of logical operations, many exercises for practice. Examination is made of the argument of editorials,

public speeches, etc., with the view to develop skill in the appreciation of truth and the detection of fallacies.

COURSES 8 and 12—Course 8 is a reading course and deals with the larger movements of social life. It is informational in its nature and pre-supposes a fair degree of general intelligence but not special training. It is conducted by means of reading in the library, lectures, and reports. Course 12 is required of all students seeking the degree of Bachelor of Science in Education from the State Normal College. It is required also of all candidates for the diploma in Elementary Education, Kindergarten, and other courses. It embraces in its scope a study of the structure of society and the forces operative.

COURSES 10 and 11—By way of general application to conduct and because the subjects considered are expressive of deep literary, historic, ethical and philosophical values. Courses 10 and 11 are offered. Amongst the work considered are Job, Greek Tragedy, and Dante's Divine Comedy. They are recommended to students interested in the cultural side of education and who are seeking to become acquainted with some of the supreme master-pieces of human thought.

These varied lines of study are proposed in the hope of meeting the needs of students both in adjusting and balancing their programs of study and in rounding out their education.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

PROFESSOR ELSON

FIRST SEMESTER		SECOND SEMESTER	
	Hrs.		Hrs.
Economics	3	British Empire	3
Advanced American History	3	Advanced American History	3
European History	2	Advanced Economics	2
Methods of Taxation	1	International Law	1
Ancient Civilization	2	Medieval Civilization	2
		Advanced Civics	2
		European History	2

Modern European History—Required

This department is devoted to the study of the rise of absolutism on the ruins of feudalism, and the later development of constitutional government in Europe.

Chief among the topics in this study are: The Decline of the Holy Roman Empire and of Spain, the Reformation of the Sixteenth Century and the Religious wars, Development of Parliamentary Government in England, the French Revolution and its momentous consequences, and the Unification of Italy and of Germany.

This subject will run through the year. The first semester will be devoted to the period beginning with the Renaissance and the Dawn of Modern Civilization, covering the Thirty Year's War, the Protestant Reformation, and coming down to the French Revolution.

The second semester will cover the period from the French Revolution to the present time, giving special attention to the gradual rise of Democracy and the inevitable extension of representative government among the European states. The text used as a guide is Schwill's *Political History of Modern Europe*.

United States History

The importance of the study of United States History in preparing citizens to exercise the duties incumbent upon them as members of the body politic is growing more apparent every year. Therefore the aim of the teaching in this department is so to read the history of the past as to throw light upon present civic and economic problems, and thus aid in their solution. The disciplinary value of the subjects included in this department is kept constantly in view. History is regarded as a record of the social, economic, moral, and political life of the people. Environment, former ideas, and changing industrial conditions are all considered as important factors in determining the course of events. The work of our great leaders in thought and action is studied carefully in connection with the history of the people. Students are encouraged to investigate the civil and economic questions of the present day with minds as free as possible from partisan prejudice and preconceived opinions.

Advanced American History—Elective

FIRST SEMESTER.

After a brief review of the Colonial and Revolutionary periods the intensive work of the course begins with the national period and covers the seventy years to the Civil War. Special study is devoted to established government under the new constitution, to the second war with England, its causes and results, to the high water mark of democracy under Jackson, and to the fierce political battle over slavery preceding the Civil War.

SECOND SEMESTER.

A study of the Civil War, especially the political features and underlying causes of government policies, followed by a study of Reconstruction in its deeper phases, will constitute the first part. After this will follow a careful study of the changing conditions that followed the war, the industrial development of the last half century, the most recent presidential campaigns and their issues, and finally the purposes and principles of the great political parties of the present.

Elson's History of the United States will be used as a guide in the foregoing course; but much of the work will be research work in the library.

Advanced Civics—Required

SECOND SEMESTER.

Advanced Civics is a senior required study optional with philosophy. It is a study of the American system of government in its deeper phases, and also of world politics.

In addition to the study of the American government, the governmental systems and present day workings of the great nations of Europe are studied and compared with one another; also political theories and political parties of the European countries are studied and compared with our own.

In the library are found Bryce's American Commonwealth, Lowell's Government of England, Governments and Parties in Continental Europe, and Ogg's Governments of Continental Europe, to all of which the student may have access.

Economics—Required**FIRST SEMESTER.**

The regular required economics, which is given in the Freshman year, presents this great subject in its elementary form.

SECOND SEMESTER.

Advanced Economics, which is given in the second semester, is elective. It presents the great economic subjects of modern times and deals concretely with many of the present day problems of the industrial, financial and economic world. No one who has not taken the elementary economics is eligible to this class. Taussig's two volume work will be used as a text.

Special Electives**SECOND SEMESTER.**

THE BRITISH EMPIRE—This is a study, as exhaustive as time will permit, of the development of the British Empire. Beginning with the Tudors, the long strife between the Sovereign and Parliament, the warfare between the Stuarts and the Puritans, the reign of Walpole, the reaction under George III. and its disastrous results, the 19th Century reforms in Parliament and the expansion of the island Kingdom into a world empire, the greatest in history—these form the chief topics of study. No text book is required.

ANCIENT CIVILIZATION—This is a study of the great empires of antiquity including Egypt, Babylonia, Greece and Rome, their modes of life, methods of warfare, forms of religion, and their bearing on medieval and modern life. It is followed in the second semester by a similar study of *Medieval Civilization*. In each the text book used is by Seignobos, a Frenchman, and one of the greatest living historical scholars.

METHODS OF TAXATION—This is a study of the various forms of taxation in our States, in the United States, and in other countries, the object being to ascertain the most equitable methods and to show the weak points in many of our tax laws. No separate text book is used.

INTERNATIONAL LAW—*Wilson and Thacher* as a text, takes up the great question of international relations, customs and the like, with a notice of important treaties past and present.

BIOLOGY AND GEOLOGY

PROFESSOR MERCER

J. A. PLACE, *Instructor*C. K. COOPERRIDER, *Assistant*

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The work in Zoology begins with the second semester of the Freshman year. Abundant opportunity is offered for field work. In addition to the material gathered by the class, use is made of preserved marine types which are received from time to time for the purpose of dissection. Each student is required, also, to spend some time in the Zoological Museum, which contains many valuable specimens.

The student enters the laboratory at the very start, and such types are placed before him for examinations and dissection as will lead him step by step to correct habits of observation, by which he is enabled to comprehend the close relations of one form of life to another. As this work is in progress, the subjects under examination are fully discussed, and, on the completion of each dissection, the student is examined upon the work done. Drawings are required of the different parts and organs, in all cases. After a few types have been studied in the laboratory the subject of classification receives careful attention.

An advanced course in Zoology is offered in the college proper. (See Comparative Anatomy.)

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are per-

formed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO₂ freezer, Minot Microtome, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings. It is the intention to give a thorough knowledge of the structure and mode of growth of typical plants and animal forms, and the laboratory work is accompanied with lectures, in which the composition of organism, methods reproduction, development, and other biological subjects are discussed.

At the early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Palæontological Geology, and these subjects are further studied in the field. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Department to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

CURRENT JOURNALS—American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Nature-Study Journal, Popular Science Monthly, Journal of Geology, Economic Geology, Journal of Morphology, Science Progress, and the reports of all the leading scientific societies.

COURSES OFFERED IN THE DEPARTMENT OF BIOLOGY AND GEOLOGY

FIRST SEMESTER	SECOND SEMESTER
Course	Course
Physiology and Hygiene (Prep.) 4	5 Invertebrate Zoology... 3
14 Geology (required)..... 3	4 College Botany* 3
6 Comparative Anatomy 1914 3	1 Anatomy, Mammalian, (1915) 3
10 Human Anatomy 1915.. 3	11 Historical Biology 1916. 2
3 Histology 4	2 Physiology (required).. 3
2 Physiology (required).. 3	9 Physiology (Experimen- tal..... 3
9 Physiology (Experimen- tal..... 3	3 Histology 4
15 Biological Seminar..... 1	7 Bacteriology (General). 4
Botany (Prep.)*..... 3	10 Human Anatomy 1916.. 3
7a Bacteriology 3	8 Embryology. 3
(Domestic Science)	15 Biological Seminar..... 1
	Botany (Prep.)*..... 3

*See Department of Civic Biology and Botany.

All the college courses are laboratory courses. It requires two hours of actual work in the laboratory for one hour credit. All four-hour courses are made up of at least two laboratory periods and two lectures or recitations each week of the term, and all other laboratory courses in the same proportion.

Any student electing the course in History and Embryology must plan to take the entire work of the year.

Description of Courses

1. ANATOMY—The laboratory work will be mainly dissection of the cat or rabbit, and the study of microscopic sections of all important organs.

2. PHYSIOLOGY—This course will consist of at least two lectures or recitations, one hour each, and one laboratory section of two hours each for the year. This will be a course of actual demonstration of the functions of the different parts of the body. For example, the student actually tests the action of the reagents found in the gastric juice upon the food principles. He then uses the gastric juice prepared from the stomachs of different classes of animals, and tests its action upon different

foods, the changes thereby being brought before the eye. Experimental physiology and hygiene will be made a large part of this course.

One course in Physics, and Invertebrate Zoology, or College Botany, are required before entering upon this course.

3. HISTOLOGY—This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods.

The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of physiology. A careful study of the nervous system is made during the last half of the year in this course.

4. BOTANY—Study begins with the plant cell and traces the development of the plants through the successive orders to the flowering plants. Attention will be given to living plants including plant histology, and a general consideration of all the life principles involved in plants.

This course may be taken in place of the Zoology to supply the science requirements in the Freshman year.

5. INVERTEBRATE ZOOLOGY—The course in Zoology takes up the study of animal life in the line of development, beginning with the amoeba and tracing the line by means of type forms through the succeeding orders to the vertebrates. Physiology in the simple forms is studied with special reference to its bearing upon human physiology.

6. COMPARATIVE ANATOMY—This course includes all of the Phylum Chordata except the mammals. The type forms studied are the Amphioxus, the dog-fish, the perch, the frog, the turtle and the English sparrow. A careful dissection is made of all these forms, but more time is spent on the frog than on any other form. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and advancement as we ascend the scale in chordata. Physiology plays a very important role in this course for all these forms.

7. **BACTERIOLOGY**—The laboratory work in this course is mainly technic. The student prepares all the common media inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

The work is so arranged that a person desiring to get a theoretical knowledge of the subject can enter the lecture and get half credit in hours. A three-hour course is also given here for the students in Domestic Science.

8. **EMBRYOLOGY**—In this course the students follows carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparison with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 *mm.* to 30 *mm.* are studied throughout the entire course.

9. **PHYSIOLOGY**—In this course the frog is used to a large extent in performing the experiments in the first semester. A complete set of the Harvard apparatus is in constant use. The activities of the muscles and all the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles is shown in many ways, including the central nervous system and the sympathetic system.

Chemical Physiology will occupy the second semester.

Course 2, as well as the requirements leading up to it, must be taken before entering upon this course.

10. **HUMAN ANATOMY**—This course is designed to give the prospective medical student a chance to get a start in anatomy before going to a medical college, and also to enable the students preparing to teach physiology in high schools and

colleges to go into the real merits of the science. Special teachers will find these courses in anatomy and advanced physiology of great benefit in their work.

11. **HISTORICAL BIOLOGY**—This course will bring out the fundamental ideas of Biology, and men and conditions under which these ideas were given to the world. The different theories of the origin of the species will be discussed. Natural selection, adaptation, mutation, etc., will receive a prominent place. All these discussions bear upon the great question of Heredity. To bring out all the above topics the biography of the leaders of Biology will be used to a large extent. Three college hours will be allowed for the completion of the course.

12. **SANITATION**—This course will be an advanced course in Hygiene and presupposes a through knowledge of Physiology. Nothing less than a first-class high school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation both municipal and personal, will be discussed. The legal side, as well as the scientific side, of school inspection, etc., will be discussed. Summer term and first semester.

13. **ENTOMOLOGY**—This course is offered for the Summer term. It will be an advanced course in Nature Study, consisting of a large amount of field work and the making of a collection of insects. The lectures will consist of a discussion of some of the larger economic questions of the relation of insects and plants. The laboratory work will consist of the study of some typical forms of insects.

DEPARTMENT OF MEDICAL SCIENCES

It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained. With this object in view, the Department of Biology now offers such work as is

in conjunction with Physics and Chemistry recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The Biological work, is from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. A practical knowledge of Human Anatomy is obtained from the careful dissection of the human body. Arrangements have been made whereby students of the University are allowed, under certain conditions to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefor required to do practical work in the all important subject of Bacteriology.

The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Human Anatomy Histology, Physiology, Structural and Systematic Botany. Vegetable Histology, Embryology, and Bacteriology.

CHEMISTRY

PROFESSOR BENTLEY

J. R. MORTON, *Associate Professor*H. M. McLAUGHLIN, *Assistant*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the principles of this science and gives him practice in some of the methods used in the Chemical laboratory. To a smaller number of students the Department offers superior advantages for more advanced work both theoretical and practical. The Department also possesses a growing collection of reference books which will meet the requirements of students who make Chemistry their special field for work.

1. **GENERAL DESCRIPTIVE CHEMISTRY**—This course consists of three lectures and one laboratory period each week throughout the year; also a quiz, alternate weeks. It consists of a study of the fundamental principles of the science, and a general study of the more important elements and their compounds. This course serves as an introduction to all higher courses in Chemistry, is required of all candidates for the degree of B. S. and is elective for all others. Credit, eight semester hours.

2. **DOMESTIC SCIENCE CHEMISTRY**.—This course consists of lectures or recitations twice a week and laboratory work once a week throughout the year. It involves a study of some of the more important elements and their compounds. Especial attention is paid to the chemistry of foods and food preparation and to the applications of chemistry to daily life. This course covers all the chemistry required by the Domestic Science course. Credit, six semester hours.

3. **QUALITATIVE ANALYSIS**—This course consists of six hours of laboratory work throughout the year and two recitations each week during the first semester.

A study is made of compounds, both soluble and insoluble, whereby the student becomes familiar with tests for bases and acids, and with methods of separating them.

The recitations will consist in part of discussions of laboratory methods, and in part of a consideration of the fundamental principles underlying analytical chemistry, both qualitative and quantitative. This course serves a double purpose; systematizing the work done in elementary chemistry and preparing students for a more advanced study of the subject.

Students who have all ready completed the laboratory requirements of the course may take the class work only. Credit for the class work, two semester hours. Credit for the entire course, six semester hours.

4. QUANTITATIVE ANALYSIS—A laboratory course is offered equivalent to six semester hours of credit. It comprises a series of determinations, illustrating the fundamental principles and methods, involved in gravimetric and volumetric analysis. Prerequisite, Course 3.

4a. CHEMICAL CALCULATIONS—A course in chemical calculations is offered during the second semester. Credit, two semester hours.

5. ORGANIC CHEMISTRY—This course consists of three recitations each week throughout the year. A careful study is made of the constitution, preparation and properties of the typical compounds of the aliphatic and aromatic series. Credit, six semester hours.

5a. ORGANIC PREPARATIONS—A laboratory course designed to accompany Course 5. Credit, four semester hours.

6. PHYSICAL CHEMISTRY, including Electro-chemistry. Three recitations per week throughout the year. This course supplements the work given in Courses 1 and 3 and presents to the student the more recent developments in chemical theories. It is recommended to all students who contemplate teaching chemistry, as well as to those who expect to enter the practical field.

Text-books, Walker's Introduction to Physical Chemistry and Leffeld's Electro-Chemistry. Credit, six semester hours.

6a. PRACTICAL PHYSICAL CHEMISTRY—A laboratory course designed to accompany Course 6. Credit, four or six semester hours.

Note. Courses 5 and 6 are given alternate years. Course 5 will be offered in 1914-15.

7. **ADVANCED QUANTITATIVE ANALYSIS**—This course is offered to those who have completed Course 4 and will be arranged to suit the needs of the individual student. It may consist of limestone, coal (prominate analysis and thermal test), ore, water, soil or gas analysis of alloys.

8. **ELEMENTARY AGRICUTURAL CHEMISTRY**—A three hour course given the second semester. Especial emphasis is placed upon the practical application of elementary chemistry to soil problems. It also embraces a study of soil formation, and methods of soil improvement. Credit, three semester hours.

9. **ADVANCED AGRICULTURAL CHEMISTRY**—This course supplements Course 8 and is intended for those who are preparing for a more advanced study of Agriculture and Forestry.

10. **INDUSTRIAL CHEMISTRY**—This course consists of recitations and reports made by the students. This is a very practical course and deals with the applications of chemistry to modern industrial processes.

Thorp's *Industrial Chemistry* is used as a guide. Credit six semester hours.

11. **METALLURGY**—An elementary course is offered and will be equivalent to a credit of six semester hours.

Note. Courses 10 and 11 are given alternate years. Course 10 will be offered in 1914-15.

12. **INORGANIC PREPARATIONS**—This is a laboratory course and will be arranged to suit the requirements of the individual student.

13. **RESEARCH**.—Students desiring to work out a thesis in this Department will find facilities for work in almost any line. The aim of the Department is to give the student an opportunity to develop a spirit of independence and self-reliance in chemical work.

DEPARTMENT OF PHYSICS AND ELECTRICAL ENGINEERING

A. A. ATKINSON, *Professor*

G. E. McLAUGHLIN

Instructor in Electrical Engineering and Shops

F. C. LANGENBERG, } *Instructors in Physics*
R. G. WEBBER, }

C. O. WILLIAMSON, *Assistant in Shop Work*

The department has recently acquired new laboratories, and every faculty is at hand for carrying on the work outlined in the course of instruction. Several private laboratories are available to students who desire to pursue advanced laboratory or research work. Many valuable reference works are in the Carnegie and departmental libraries, and the leading periodicals are on file for use by the students.

Courses of Instruction

1. ELEMENTARY PHYSICS—(Class work, 3 hours per week; laboratory, 4 hours per week, throughout the year.)

This course is required in the fourth year of all the preparatory courses. Also those who do not present entrance Physics are required to take this course.

The class work will be conducted chiefly by the recitation method with occasional lectures on the phases of the subject which are the most difficult for beginners.

The laboratory portion consists of about fifty carefully selected experiments to be performed by each student and neatly written up in the laboratory.

2. DESCRIPTIVE PHYSICS—(Class work, 3 hours per week; laboratory, twenty representative experiments performed by each student during the year.)

This course is offered to meet the needs of those who desire to pursue the study of Physics simply to complete a general education or to undertake the subject as a substitute for mathematics. The class work will consist of recitations, supplemented by lectures and reports from the students on special

topics. Constant attention will be given in this course to present the subject in such a manner that the laws and principles studied in the class and laboratory work will be brought into the proper relation with the physical phenomena observed in everyday life.

The material for study will be chosen for its instructiveness: because (a) it involves some important scientific principle; (b) it is related to some readily observable phenomena; or (c) it has a practical application in natural, commercial or industrial processes.

Apparatus will be provided for the fullest possible demonstration of each of the subjects considered in the course; but no effort will be made to cover systematically the whole field of Physics.

This course is open to those who had Physics 1, or its equivalent. A knowledge of higher mathematics is not required for its completion, this course being optional with mathematics in the Freshman year.

3. GENERAL PHYSICS—(3 hours per week. Optional in the first semester of the Scientific Course, and continued as elective in the second semester.)

The work will consist of a discussion of the general principles of Physics, including as far as possible, the derivation of the fundamental equation of the subject with the interpretation of their physical meaning and their application to the solution of problems of Physics. Curve plotting and the interpretation of curves will be an important feature. Experimental demonstrations will be provided where the nature of the topic requires it. A minimum of individual laboratory work will be required. Those who have taken Course 2, and wish to obtain a better understanding of the more mathematical phases of the subject, while not desirous of pursuing advanced work in Physics, will find Course 3 well adapted to their needs. Students seeking a B. S. degree are required to take one year's work in Physics; they are advised to take Course 3 in preference to Course 2.

This course is open to those who have had Physics 1, or its equivalent, and who possess an elementary knowledge of trigonometry and chemistry.

4. ADVANCED PHYSICAL MEASUREMENTS—(First semester mechanics, heat, and sound. Class work, 1 hour per week; laboratory, 6 hours per week. Second semester, electricity and light.)

The chief emphasis in this course will be placed on the laboratory work. The class work will discuss the theory of each experiment and interpret the laboratory results. Complete notes will be required containing the development of the theory and outline of the method of each experiment.

This course is open to those who have had Physics 3, or its equivalent, and who possess an elementary knowledge of Analytical Geometry and Calculus. Students should also have a reading knowledge of French and German. Where circumstances seem to justify it, permission may be given for the election of only one-half of this course, either the first or second semester.

5. MOLECULAR PHYSICS—(Offered in the first semester in alternate years with Course 7. Class work, three hours per week.)

The work covered will be the Kinetic Theory, Capillarity, Surface Tension, Elementary Thermodynamics, and Solution.

This course is regularly open to those who have had Physics 3, but may also be taken by those who satisfy the instructor that their previous training is sufficient to undertake the work.

6. ELECTRIC WAVES—(Offered in the second semester in alternate years with Course 8. Class work, 3 hours per week.)

The work will consist of a general discussion of the theory of generation and detection of electric waves and their application to wireless telegraphy.

This course is open to students under the same conditions as Course 5.

7. ELEMENTS OF THERMODYNAMICS—(First semester, offered in alternate years with Course 5. Class work, 3 hours per week.)

The work will be upon the fundamental principles underlying the mechanical theory of heat, and the application of these principles to physical and thermochemical problems.

This course will be open to those who have had Course 3,

or is equivalent, and who possess a knowledge of the principles, of Calculus and General Chemistry.

8. **LIGHT**—(Second semester, offered in alternate years with Course 6. Class work, 3 hours per week.)

This is an advanced course in Physical Optics, and is arranged for those who desire to make a specialty of Physics. This course is open under the same conditions as Course 7.

9. **THE PEDAGOGY OF PHYSICS**—(First semester, 3 hours per week. This course will be given upon request of a sufficient number of students to justify its being offered.)

This course is designed to meet the needs of those who are teachers, or expect to teach Physics in high schools. The work will consist of lectures and discussions upon the choice of subject matter and methods of presentation best suited to elementary courses in Physics.

Course 9 is open to all who have had the necessary training in Physics to profit by the discussions and lectures given.

10. **PHYSICS RESEARCH**—(An advanced intensive laboratory course for those who have had Course 4.)

This work will partake more of the character of original investigation of some topic or problem of Physics. The work may be arranged to supplement Physics 4, 5, 6, 7, or 8; but the choice of work and the time devoted to it will rest with the student, in consultation with the head of the department.

If the problem attacked has sufficient merit, the report upon its investigation may be used as the thesis required for the Bachelor's degree.

11. **ELECTRICAL LABORATORY (D. C.)**—A course of six hours a week in a dynamo laboratory in studying the characteristics, regulation and efficiency of direct current machinery. Also lectures once a week. Continued throughout the first semester.

12. **ELECTRICAL LABORATORY (A. C.)**—Lectures once a week, laboratory four hours a week on alternating current characteristics, regulation, and efficiency; voltage and current curves of alternators and transformers; measurement of polyphase power induction motor and rotary converter tests. Second semester.

Other courses may be chosen as electives from among the Engineering studies by those prepared to profit thereby.

ELECTRICAL ENGINEERING

INTRODUCTION—Ohio University is a State institution, whose free library occupying the new Carnegie Library building, literary societies, musical, scientific, and other organizations offer many advantages to the students. All the regular literary departments of the University are open to engineering students, if they choose to elect any of the general work there offered. The whole atmosphere of college surroundings is beneficial, and constitutes no small advantage over the purely technical school. In Ohio University small classes, usually ten to forty, and attention to individual students, are advantages that can not be overestimated.

The following work offered in Electrical Engineering is looked upon as electives in applied Physics, so arranged as to be consecutive, and to have both an educational and a practical value to the student. Ohio University makes no pretense of being an engineering school, but does offer exceptional advantages to students to become thinking men, capable of the highest success in any line of endeavor.

EQUIPMENT—The University possesses an incandescent lighting and power plant, used for lighting the buildings and furnishing power to the laboratories and shops, providing the students practical training in construction, operation, and care of electrical machinery. Both direct and alternating currents are used, and very extensive additions to the electrical equipment are now being made. Science Hall, newly constructed, was first occupied at the opening of the college year, 1912-13. This is a four story structure of red pressed brick, 79 feet by 124 feet, costing complete, ready for work, about \$120,000. The Department of physics and Electrical Engineering occupies the first two floors. These will provide recitation rooms and offices for the instructors in the departments; a large laboratory for general Physics, with two dark rooms, and apparatus room attached; laboratories for the various advanced courses in Physics, with the necessary weighing rooms and apparatus rooms; a laboratory for electrical measurements, with apparatus and weighing rooms; a dynamo, motor and transformer laboratory; a photometric laboratory, a storage battery room, high

temperature laboratory, unpacking room, storage rooms, several small research laboratories, a calibrating laboratory and a constant temperature laboratory; also a drafting room, photographic dark room, laboratory shop, high frequency and wireless laboratory, private laboratories, and a departmental library and reading room.

The Department equipment includes also the college power plant, a gas engine plant and general shops. Students are thus afforded practical work in steam and gas engineering; testing and valve-setting; tests of various kinds on A. C. and D. C. motors, generators and measuring instruments; tests of transformers and rotary converters. There are in the laboratories a number and variety of measuring and test instruments, ammeters, voltmeters, wattmeters, tachometers, potentiometers, electro-dynameters, portable testing sets, wheatstone bridges, sechometers, conductivity bridges, and galvanometers. There are also standard instruments of various types for calibrating purposes. Our shop facilities have also been improved both by the addition of a large room and a great deal of new machinery

What was formerly the gymnasium floor has been converted into additional shop room, and equipped with wood-working benches; wood-working lathes driven by motors; band saw, shaper, circular-saw, and jointer, all motor driven. The machine lathes, drills, grinders, and other machinery in the older section of the shop are also driven by electric power.

REFERENCES—Students in the Engineering department find on file for ready reference a large number of technical periodicals, such as the Electrical World, General Electric Review, Electric Journal, Street Railway Journal, Engineering Magazine, Power, Scientific American, Scientific American Supplement, Proceedings of American Institute of Electrical Engineers, Transactions of the Illuminating Engineering Society, Science, Physical Review, Electrical Engineering, Bulletins of the General Electric and the Westinghouse Companies, Publications of the Bureau of Standards, Publications of the Bureau of Mines, Engineering News, Engineering Record, Mines and Minerals, Journal of the Western Society of Engineers, Reports of the State Engineering Societies, Cement, Railway Gazette, Journal of the Franklin Institute, Electro-

Chemical and Metallurgical Industry, Journal of the Chemical Industry, Die Zeitschrift für den physikalischen und chemischen Unterricht. Besides the Department library which is available to students taking these courses, the Carnegie library is also open for use each day and four evenings a week.

REQUIREMENTS—All work scheduled in Electrical Engineering can be taken as elective by students pursuing the course leading to the degree of Bachelor of Science. There is optional substitution of modern language for Latin. See courses of study of the State Preparatory School given elsewhere. Graduates of first grade high schools will be able to enter the first year of the course without condition.

A diploma from the first grade high school, or its equivalent, is now required for admission to this course. It is urgently recommended that the complete four-year course following the combined Scientific and Engineering course outlined below be taken, or if the engineering studies are first completed in two years, the rest of the scientific work arranged for engineers may be completed in two more years. The degree of B. S. will then be given.

If the Short Course with the auxiliary studies is fully completed, a certificate will be issued showing the character of the work done. The courses are subject to such changes from time to time as conditions require, and as the proper treatment of such studies makes necessary.

SCIENTIFIC COURSE WITH ELECTIVES IN ENGINEERING

First Year

FIRST SEMESTER—English Compos., 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Chemistry, 4; Shop, (4 hours a week), 1.

SECOND SEMESTER—English Compos., 2; Mathematics, 3; German, 3; Descriptive Geometry, 3; Chemistry, 4; Steam Engineering, 2; Shop (4 hours a week), 1.

Second Year

FIRST SEMESTER—Survey of Eng. Literature, 3; Analytics and Calculus, 3; Scientific German, 2; Economics, 3; Physics, 3; Mechanical Drawing, 2; Shop (4 hours a week), 1.

SECOND SEMESTER—Calculus, 3; Scientific German, 2; Physics, 3; Commercial Law, 3; Mechanical Drawing, 2; Shop (4 hours a week), 1.

Third Year

FIRST SEMESTER—Electrical Engineering, 4; Applied Calculus, or Advanced Chemistry, 3; Geology, 3; Mechanical Drawing, 2; Station Practice (4 hours a week), 1.

SECOND SEMESTER—Electrical Engineering, 3; Applied Calculus or Advanced Chemistry, 3; Electrical and Magnetic Calculations, 2; Surveying, 4; Mechanical Drawing, 1; Station Practice (4 hours a week), 1.

Fourth Year

FIRST SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Gas Engines, 2; Electrical Measurements, 2; Thesis, 3; Station Practice (4 hours a week), 1.

SECOND SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Hydraulics, 3; Thesis, 4; Station Practice (4 hours a week), 1.

The completion of the above course entitles the student to the degree of Bachelor of Science and a certificate testifying to his completion of the engineering work contained in it.

SHORT COURSE

For those who are unable for any reason to undertake the above complete course, the following short course is provided, the completion of which entitles the student to a certificate testifying to the character of the work done.

First Year

FIRST SEMESTER—English, 2; Electrical Engineer, (D. C.), 4; Descriptive Geometry, 3; Mathematics, 3; Mechanical Drawing, 2; Shop (4 hours a week), 1; Station Practice (4 hours a week), 1.

SECOND SEMESTER—English, 2; Electrical Engineering (D. C.), 3; Descriptive Geometry, 2; Mathematics, 3; Electrical and Magnetic Calculations, 2; Steam Engineering, 2; Mechanical Drawing, 1; Shop (4 hours a week), 1; Station (4 hours a week), 1

Second Year

FIRST SEMESTER—Electrical Engineering (A. C.), 3; Dynamo Laboratory, 3; Gas Engines, 2; Electrical Measurements, 2; Analytics and Calculus, 3; Mechanical Drawing, 1; Shop (4 hours a week), 1; Station Practice (4 hours a week), 1

SECOND SEMESTER—Electrical Engineering (A. C.), 3; Dynamo Laboratory, 2; Commerical Law, 3; Calculus, 3; Surveying, 4; Mechanical Drawing, 1; Shop (4 hours a week), 1. Station Practice (4 hours a week), 1.

SCHOOL OF COMMERCE

Faculty*

ALSTON ELLIS, Ph. D., LL. D.,
President

CHARLES M. COPELAND, B. Ped.,
Director and Professor of Accounting and Commercial Law.

MINNIE FOSTER DEAN,
Instructor in Stenography

GEORGE C. PARKS, Ph. B.,
Assistant in Commercial Branches

GRACE MARIE JUNOD, Ph. B.,
Instructor in Typewriting

*The required work in English, History, Economics, Education, Psychology, Science, and Modern Language is taken in the regular University classes.

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were greatly benefited and those who desired it have had no trouble in finding employ-

ment. But the greater part of the special students with meager preparation were poorly equipped for a successful business career, even after they had made a good record in their commercial studies.

As a result of this observation the entrance requirements and the courses of study, for students desiring to take commercial work, were gradually extended until 1909, when conditions justified the organization of a School of Commerce with two courses of study, each including two years or 60 semester hours of collegiate work as outlined elsewhere in this catalogue.

Students in the School of Commerce have the same privileges in the University library, reading room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail officers and the bank, in the office department, are well arranged for instruction purposes. Here students receive the training that comes from filling the principal as well as the subordinate positions in such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office, they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper, and manager; in the wholesale office, shipping clerk, bookkeeper, and manager.

ADMISSION—The requirements for entrance to either course in the School of Commerce are the same as the requirements for entrance to the Freshman class of the University, namely, fifteen units of secondary credit. Graduates of high schools of the first class are usually able to enter without condition. Students who have not the necessary amount of entrance credit may make it up in the State Preparatory School.

DIPLOMAS AND COLLEGE CREDIT—Diplomas will be granted to those who complete either course in the School of Commerce. Students in the degree courses of the University may take part of their elective work in the School of Commerce, and in this way they may, in four years, obtain both a degree and a diploma in the course in commerce.

DEGREE COURSE FOR GRADUATES—Graduates in either of the two-year courses in the School of Commerce must have at least 60 semester hours of college credit. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the College of Liberal Arts, graduates of the Commercial Course will be granted the A. B. or B. S. degree, provided that at least 45 of such additional hours have been done in the required work of the course leading to the degree to be conferred. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the State Normal College, Graduates of the Teachers' Course in Stenography will be granted the degree of Bachelor of Science in Education, provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree and that in the entire course not less than 30 semester hours in professional subjects have been taken.

SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY—Persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the University and Director of the School will be issued to students who complete a year's work in Accounting or Stenography and have credit for the English, History, and Civics required in the first preparatory year. Good Penmanship will be required of those who receive the certificate for Accounting.

FEES—All students pay a registration fee of \$9.00 per semester. Besides this, there is an extra fee of \$6.00 per semester for Stenography and Typewriting. The fee for Typewriting alone is \$3.00 per semester. A fee for the diploma is \$5.00 and for a certificate \$1.50.

POSITIONS—The University does not guarantee positions to graduates in any course. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the School of Commerce has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship

required in the average commercial school, its product is not in favor with progressive business men. A general culture, as well as a knowledge of commercial branches, is demanded of those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

COMMERCIAL TEACHERS—High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial courses of this institution with a view to high school work. While pursuing this course they would have an excellent opportunity to study *Methods in Teaching* in the classes of the State Normal College of the University.

DESCRIPTION OF WORK

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

I. ACCOUNTING I—Four recitations per week are offered in each semester. This course is for beginners in accounting and is planned to give the student an understanding of the fundamental principles of the science. By numerous drills and problems students are made acquainted with a variety of account books used in retailing and wholesaling and with the business papers connected with the transactions proposed for entry.

ACCOUNTING Ia—Two recitations per week in each semester. This course, with slight modification, is the first half of Accounting I and is offered for the accommodation of those students in other departments who wish to get some knowledge of accounts but who do not have time to take the four-hour course.

2. ACCOUNTING II—Four recitations per week, are offered in the second semester. This course is open to those who have had Accounting I. It deals with the modern systems used in the more complex forms of business, such as banking, commission and manufacturing. An important feature of this course is the work in the railroad, commission, and wholesale offices and in the bank by which the student is brought into actual business relations with the students of this and other schools through a great variety of transactions.

ACCOUNTING III—Two recitations per week in the first semester and open to students who have had Accounting I and II. The course is both theoretical and practical and deals with such questions as reserves, the sinking fund, deficiency, cost accounting, final statements, auditing, partnership settlements, and reorganizations.

3. COMMERCIAL LAW—Three recitations per week in the second semester. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers.

4. NEGOTIABLE CONTRACTS—Two recitations per week in the first semester and open to those who have had Commercial Law. The Uniform Negotiable Instruments Law is used as a text in this course.

5. CORPORATION ACCOUNTING AND LAW—Two recitations per week in first semester and open to those who have had Accounting I. This course deals with the law and accounting connected with the organization, financing, management, dissolution, and re-organization of corporations.

6. CORPORATION FINANCE—Two recitations per week in second semester and open to those who have had Corporation Accounting and Law. A study is made of the movement toward combination of enterprises and large aggregations of capital. Cause, method, and effect are considered with a view to giving the student a proper attitude toward this important question.

7. **ACCOUNTING PROBLEMS AND SYSTEMS**—Two recitations per week in the second semester and open to those who have had a year of Accounting. In this course systems for various businesses will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems. Considerable attention will be given to Cost Accounting.

8. **COMMERCIAL SEMINAR**—One recitation per week throughout the year and open to students who have had Theory of Account and Commercial Law. The Banker's Magazine, Journal of Accountancy, and articles on commercial subjects in other magazines will form the basis of this work.

9. **MONEY AND BANKING**—Two recitations per week in the second semester. This course consists of a study of the origin, use, and history of money as a medium of exchange with special reference to the financial history of the United States.

It includes a study of the history, utility and functions of banks, and particularly of those governed by the National Banking Act.

10. **INDUSTRIAL AND COMMERCIAL GEOGRAPHY**—Two recitations per week in the first semester. The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as the result of certain physical and political influences, of the products of man's industries and commerce, and of the conditions of interdependence existing among different parts of the civilized world.

INDUSTRIAL HISTORY OF THE UNITED STATES—A study is made of the growth and development of the industries and commerce of the country and particularly as found to be influenced by our tariff bills, banking systems and the different wars in which the nation has engaged. The subject of conservation is given special attention. Two hours, first semester

STENOGRAPHY I AND II—Designed for students who wish to fit themselves for amanuensis work. Students are prepared to take from dictation commercial correspondence and different forms of legal papers, including contracts, conveyances, wills, and court pleadings. The notes are transcribed on the typewriter and a high standard of neatness and accuracy is maintained. As soon as they are able to do so students are required to take dictation for an hour a day from the phonograph. Four hours of credit.

STENOGRAPHY III AND IV REQUIRED IN TEACHERS' COURSE—This course is intended to prepare students to teach Stenography, and is open to all who have completed Stenography I and II. After a careful review of the fundamental principles of outline formation as used in "Amanuensis" shorthand, a thorough study is made of the underlying science of phonetics and of the theory of abbreviation as applied to "Reporting" shorthand. The "Reporter's Companion" will be used as a text. A thorough knowledge of the principles of outline construction, together with a steady advance in note-taking speed, is the aim of this course.

In view of the great demand made by the High Schools of the country for trained teachers of Commercial Branches, the attention of those taking the Four-Year Normal College Course is especially directed to the Teachers' Course in Stenography. An opportunity is here given to specialize along this line in the Junior and Senior years, the credit (total not to exceed fifteen semester hours) applying toward the degree of Bachelor of Science in Education.

STENOGRAPHY IIIa AND IVa—Advanced Amanuensis Course. Open to those who have completed Stenography I and II. The purpose of this course is to increase the student's accuracy and speed in the taking and transcribing of his notes, and to this end constant and varied dictation, by voice and phonograph, is given, accompanied by careful criticism of shorthand notes and transcripts. Material for this course is drawn from Eldridge's "Dictation Exercises," newspaper editorials, magazine articles, business letters, legal papers, etc.

Those looking to reporting as a profession and those wish-

ing to qualify under Civil Service or prepare for other clerical positions, should take this course.

AMANUENSIS WORK I AND II—Practice in transcribing from notes matter of difficult and complicated character. Two hours of credit. (N. C.)

TYPEWRITING AND COMPOSITION I—The student's first efforts are directed toward acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. A text in the hands of the students is made the basis of a careful study of the principles of composition, and such work is done as will require the application of these principles. Three recitations per week.

Students taking this course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work. Two hours of credit.

TYPEWRITING AND COMPOSITION II—The text in composition begun in I is completed in II, and is followed by a course in letter writing in which the students carry on, from data furnished, the correspondence of one or more business firms. In this connection thorough training is given in tabulating, manifolding, filing, mimeographing, etc. Three recitations per week.

Students taking this course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work. Two hours credit.

The typewriter room is amply supplied with new standard machines and tabulators, and is equipped with mimeograph, letter-press electric phonograph, and all modern, up-to-date office appliances pertaining to this work.

Beginning classes are formed each term.

PENMANSHIP—Students in the commercial course who do not write a good hand are required to take regular instruction. The modern business man demands of his bookkeeper or clerk, the ability to write rapidly and legibly. Movement is the foundation of penmanship.

The constant aim in all exercises given is to develop plain writing with an easy, rapid movement.

COMMERCIAL COURSE**FIRST YEAR****FIRST SEMESTER**

Accounting I.....	4
American History.....	3
English Composition.....	2
Modern Language.....	3
Political Economy.....	3

SECOND SEMESTER

Accounting II.....	4
American History.....	3
English Composition.....	2
Modern Language.....	3
Commercial Law.....	3

SECOND YEAR**FIRST SEMESTER**

Accounting III.....	2
Commercial and Indus. Geog....	2
Negotiable Contracts.....	2
Modern Language.....	3
Commercial Seminar.....	1
Industrial History of U.S. or Public Speaking.....	2
Corporation Accounting and Law.....	3

SECOND SEMESTER

Money and Banking.....	2
Modern Language.....	3
English.....	3
Commercial Seminar.....	1
Accounting Problems and Systems.....	2
Corporation Finance.....	2
Advanced Economics or Con- stitutional Law.....	2

Students wishing to take Stenography I and II and Typewriting and Composition I and II will be permitted to make substitution in second year, subject to the approval of the Director of the School of Commerce.

TEACHERS' COURSE IN STENOGRAPHY**FIRST YEAR****FIRST SEMESTER**

Stenography I.....	4
Typewriting and Composition.....	2
English Composition.....	2
Introductory Psychology.....	3
American Poetry.....	3

SECOND SEMESTER

Stenography II.....	4
Typewriting and Composition.....	2
English Composition.....	2
Theory and Practice.....	3
English Poetry.....	3

SECOND YEAR**FIRST SEMESTER**

Stenography III.....	3
Phonetics and Theory of Ab- breviations.....	2
Secondary Course of Study.....	2
Accounting I.....	4
Principles of Education.....	3

SECOND SEMESTER

Stenography IV.....	3
Amanuensis Work and Teach- ing.....	2
School Management and School Law.....	2
Accounting II.....	4
Sociology.....	3

In addition to the above, four semester hours must be elected in the two years.

Substitutions in the Commercial Course and in the Teachers' Course in Stenography, not otherwise provided for, may be made upon the consent of the Committee on Registration.

The Course leading to the degree of Bachelor in the Science of Education in Commerce is outlined along with the courses offered in the State Normal College.

COLLEGE OF MUSIC

Faculty

ALSTON ELLIS, Ph. D., LL. D.
President

ALEXANDER S. THOMPSON, Mus. D., Director,
Voice and Advanced Theory.

SIROUHEE T. ARPEE, B. A.,
Advanced Piano.

ALLEN R. KRESGE,
Piano, Organ and Harmony.

BESSIE IRENE DRIGGS,
Piano.

NELLIE H. VAN VORHES,
Preparatory Piano.

MRS. CLARA D. THOMPSON,
Advanced Voice.

HELEN FLOWERS LOTT, B. A.,
Voice.

HELEN FALLOON,
Voice

JOHN NEWMAN HIZEY,
Violin.

EUGENIA MAY LISTON,
Public School Music.

The College of Music is a well recognized Department of the University. It is essentially a school of musical learning. It stands for high ideals and strives by means of thorough training to develop to highest stage of artistic capability all those possessing musical talent.

From the experience of all who have been observant of

those matters it is proved that the natural place for a college of music is among the older colleges of an university. The close affinity existing between literature and the arts justifies the statement that only in such surroundings as these can the student of music acquire that familiarity with language, literature, history, etc., as will make him a musician worthy of his art.

Music requires much special study; and a full and well trained mind must be brought to bear upon the interpretation of the master works which have been produced by those intellectual giants among both the ancients and the moderns of musical history. He who does not know musical history and literature cannot grasp the full meaning of the great tone works, the study of which is required in a thorough musical course.

This being a College of the University, its students are given the opportunity to acquire a liberal education, which is necessary for the complete rounding of a musical course. Too much stress cannot be laid upon the advantage of the intimate association with a great seat of learning, having its libraries, laboratories, lectures, and classes in all the varied departments of liberal education.

The College is well equipped for the special work it offers. The rooms it occupies are well adapted for the purpose for which they are used.

All grades of instruction are given from the beginning to the most advanced ideas in interpretation.

Complete courses are offered in Pianoforte, Pipe Organ, Voice, Harmony, Counterpoint, Canon, Fugue, Analytical Harmony and form, Composition and Musical History. Other courses are offered in Ensemble Music, Sight Reading, Chorus Singing, Choir and Band Practice.

All of the recitals by students and the recitals and lectures given by the instructors are free to all of the music students.

From time to time great musical artists will be heard at the University. For these entertainments a charge will be made, and all musical students are expected to attend.

Entrance Requirements

The requirements for admission to the advanced classes in the College of Music are the same as those for admission to the

Freshman class of the University, with these exceptions; that modern languages may be substituted for Latin, and that additional units in history, English, or in languages may be substituted for the advanced mathematical work required.

The College of Music admits the following classes of students viz: College Music students who have met the full entrance requirements for admission to the freshman class of the University as already noted, and take no less than six hours of University work in addition to the required work in Music, leading either to a Diploma or Degree; University students following other courses, who take music in addition; also those persons who desire to take advantage of the opportunity to receive first class musical instruction without desiring to graduate, such students being designated as Special Music students.

Regulations

No student can be classified in the college music grade, who is not pursuing theoretical study, excepting in the case of those, who have completed the required theoretical work.

Students in the second year of Public School Music are required to attend Choral Society unless excused by the director.

All vocal students in the College of Music are required to attend Choral Society, if sufficiently advanced to do so.

All violin students classified in the College grade must play in the College orchestra, unless excused by the violin instructor.

All College music students should consult with the director as adviser in his course each semester.

Promotion from one year to the next in course will be determined by tests drawn from the material outlined in the course. In piano, the playing of scales, certain studies or pieces; in violin, scales, studies or pieces; in voice, the ability to solfa or sing at sight will always be considered, and the singing of certain vocalises and selections will be included in the tests, which will be selected by the teacher in charge of the study. The examinations will be conducted in the presence of the director or faculty of the College of Music.

Membership in either the Girls' or Men's Glee Club is attained through examination by the conductor of each club.

Diploma

A diploma is granted by the Trustees of Ohio University to those who have completed the first three years of work outlined in the Advanced Course in piano, voice, violin or organ to the satisfaction of the faculty in music, two years of harmony, one year of musical history, one year in interpretation and form (psychology of music) as well as the required liberal arts studies. Those finishing the course in voice and violin must have had at least one year of piano.

Degrees

The degree of Bachelor of Music is granted by the Trustees of Ohio University to those who complete the full four years of study outlined in the Advanced Course in piano, voice, violin and organ, the four years theoretical course and the required liberal arts studies. Candidates for this degree, besides their special solo work, are expected to be able to transpose at sight reasonably well pieces or songs of moderate difficulty, play in open vocal score fairly and arrange for orchestra.

The degree of Bachelor of Education in Music is granted to those completing the course outlined in the Normal College catalogue, which includes the advanced theoretical courses of interpretation and form and instrumentation in the College of Music. Candidates for this degree must be able to solfa at sight any of the Concone or similar vocal studies, making the proper changes of syllable to suit the key, and be able to solfa any standard solo including those of Handel; also arrange for orchestra and band.

COURSES OF STUDY

Theory

Harmony

Text-book, Goetschins. The Material used in Musical Composition.

FIRST SEMESTER. Keys, scales, and signatures; intervals, the triads, cord connection, simple part writing, and keyboard work.

Harmonizing basses, inversions, chords of the sixth, melody writing, keyboard work and ear training. Two hours a week.

SECOND SEMESTER. Chords of the sixth continued, Chords of the seventh and their inversions. Chords of the ninth. Other discords. Two hours a week.

THIRD SEMESTER. Harmonization of Melodies. Modulation. Altered and Mixed Chords. Two hours a week.

FOURTH SEMESTER. Suspensions, Retardations and Organ Point. Diminished Sevenths and Analytical Harmony. Two hours a week.

FIFTH SEMESTER. Single Counterpoint in all species including florid in two, three and four parts. Sir Frederick Bridge's and Dr. Francis D. Gladstone's Counterpoint used. Three hours a week.

SIXTH SEMESTER. Single Counterpoint continued. Double Counterpoint, Canon and Fugue. Rules of fugal composition must be well mastered in this course. Richter's Double Counterpoint and Fugue and Higgs on Fugue are used. Three hours a week.

SEVENTH AND EIGHTH SEMESTER. Interpretation and Form. The lectures include the psychology of rhythm with its application to conducting and interpretation generally, the psychology of tone, color, harmony, melody, emotional expression, form and memory; the appreciation and interpretation of standard works in voice and piano: Messiah, Elijah, St. Paul, etc., and notable piano works by Beethoven, Chopin, Schumann and other authors, constituting a general review of the standard repertoire, a discussion of form and expression in the light of psychology and principles of interpretation.

SEVENTH AND EIGHTH SEMESTER. Study of Instrumentation. A study of the main orchestral instruments and the manner of writing for them. Arranging for string instruments in score. Arranging for woodwind in score. Arranging for brass band in score. Arranging for full orchestra. Ebenezer Prout's "Instrumentation," Berlioz's "Instrumentation" and Clappe's "The Wind Band" and its Instruments, are the Text-books employed.

History of Music

General history, development and influence of music among ancient peoples. Early Christian music. Polyphonic music.

Various schools of polyphonic music. The rise of dramatic

and instrumental music, and the development of the various musical instruments.

The development of the Opera and Oratorio. The Romanticists. Modern music and musicians.

The above course can readily be accomplished in one year with two recitations a week.

The work of this course is illustrated by Pianola or actual performance in voice or piano by members of the faculty and students in recitals arranged for the class.

Text-book, Musical History by W. S. B. Mathews.

Piano

The course in this department is intended to meet the varying needs of individual pupils, with the idea of furnishing a comprehensive, rather than a rigid, inelastic training in piano-forte technic. While the acquirement of finger dexterity is necessary, the value and importance of the mental training to be obtained from the study of music is emphasized and the course is expected to make apparent the advantage of a broad musical education.

Preparatory Course

The preparatory course is sufficiently simple to include beginners. Only a general outline follows. The necessary studies are selected from Tapper's First Piano book, Kohler op 157, 151, 190 and 50, Kohler's Klavier Schule, Damm Method, Duvernoy op 176, The easier studies in Velocity Gurlitt op 83, or School of Velocity for beginners Gurlitt op 141, Bertini, Loeschhorn, Concone op 24, and Czerny School of Velocity book 1. All the major and minor scales and major and minor chords as given in Wieck must be played from memory. Selections from Sonatinen Album.

The teacher will select from these the necessary studies to advance the student to the point required for entrance to the College of Music. The playing of the major and minor scales and chords from memory and well played selections from the sonatinas of Clementi and Kuhlau or the modern composers indicate the range of finished study of this point.

Advanced Course

FIRST YEAR. Major and Minor Scales in Tenths and Thirds or Pischna's 60 Progressive Exercises or Phillip's Complete school of Technic; Cramer's Studies or Czerny op 740; Selections from Hydnand Mozart Sonatas, Mendelssohn's Songs without Words and Bach's Three Part Inventions. Pieces selected from Bohm, Thome, Godard, Lebierre, Sapelnikoff, MacDowell, or easy pieces by Grieg or suitable novelties American or foreign.

SECOND YEAR. Major and Minor Scales in Double Thirds. Pischna and Phillip's School continued; Low's Octaves Studies; Beethoven's op 26 in A flat and op 27 Nol; Stephen Heller, Tarentelle, Legende dela Foret, Hunting Song op 86, No 3; Selections from Chopin's easier Preludes and Valses; Godard's Barcarolle or Grieg's more difficult pieces; Selections from Scharwenka Finger Exercises op 77 or Clementi's Gradus ad Parnassum.

THIRD YEAR. Moscheles Preludes op 73, Von Wilm, Suite No 1, Pachulski Prelude in F minor, Leschetizky, Arabesque en formed Etude and Tarantella; Selections from Bach's well Tempered Clavichord; Scharwenka's Octaves or Kullaks Octaves; Selections from Beethoven's Sonatas the op 57 and others; Hensest Etudes or Chopin Etudes selected; Chopin's Ballade in A flat or G minor and Scherzo in B flat minor; or Schumann, Sinding and others.

FOURTH YEAR. Chopin's Etudes continued also Beeethoven Sonatas; Chopin's Polonaise in A Flat; Wagner-Liszt Spinning Song from Flying Dutchman, Liszt, Gnomen Reigen, Le Rossignol, Rhapsodies 6, 8, 12 and 13; Brahm's Rhapsodie in B minor. Concertos by Mendelssohn, Grieg or Beethoven.

(Familiarity with the contents of this list required. A programme selected from this list to be played at close of the course.)

Voice

The aim of this course is to develop, through deep breathing properly applied to voice placement, that full, resonant tone which has always characterized the artists trained in the Italian school, to attain a clear enunciation, a keener appreciation of the subtler meanings of the verbal text and an under-

standing of the foundational principles underlying all musical interpretation to the end that the singing may be distinguished by musicianly, scholarly qualities and deep human sympathy.

Preparatory Course

Breathing and voice placing exercises; sustained tones and scale work according to the Italian method as taught by Sims Reeves, of London, England and Vannucini of Florence, Italy. Concone's Fifty Lessons; Concone's Forty Lessons for Bass; Marchesi's Exercises, op. 1, First Part; Vaccai's Studies.

Advanced Course

FIRST YEAR. Voice placing exercises continued; scales, sustained notes, and articulation exercises; Concone's Twenty-five Lessons; Marchesi's Studies or Lutgen; Songs by American composers, Denza, Cowen, Gastaldon, Jensen, Grieg, Mendelssohn.

SECOND YEAR. Voice placing exercises continued; scales, etc., Marchesi's Studies; Concone's Fifteen Lessons; selections from Schubert's and Schumann's Songs; songs of Del Acqua Bullard, Buzza-Peccia, Buck, d'Hardelot, Von Fielitz, Gounod, Haydn or others. Handelians airs from oratorios begun.

THIRD YEAR. Advanced studies and exercises; solos from the oratorios and operas; Handel's Messiah solos and recitatives, "Let the bright Seraphim" and "O had I Jubal's Lyre"; Haydn's Creation solos and recitatives; Rossini's Stabat Matter solos and quartettes; songs or airs by the modern Italian or French composers.

FOURTH YEAR. Review of Handelians, Haydn, and Mendelssohn arias and recitatives; Beethoven's Adelaide or air from Fidelio; Meyerbeer's "Thir Baal's Priestler;" Wolf, Strauss, Franz, Brahms and Liszt songs; Wagnerian and other opera solos.

Pipe Organ

It is desirable that a student should have had a thorough course in piano finger technic, and have taken at least a year of Harmony as a prerequisite. As natural adaptation for the organ plays a great part in the student's progress on organ an outline only of the work is given.

The course comprises simple exercises for developing correctness and fluency in pedal playing: Stainer's Organ, Nillson's A System of Technical Studies in Pedal Playing; Bach's Studies in Pedal Phrasing; Thayer's Pedal Studies; Works of Bach and the Modern French School; also Mendelssohn, Rheinberger, etc.

Violin

The aim in this course is to develop players of fine quality and to develop executive and interpretive power in the highest degree.

Preparatory Course

Hohmann's Violin School books I and II; Schradieck's Finger Exercises; Sitt op. 32 book I; Kayser op. 20 book I; Hoffman op. 25 book I; Studies by Boehmer op. 54; Pieces by Sitt, Bohm, Dancla, Hauser, etc.

Advanced Courses

FIRST YEAR. Hohmann's Violin School continued; Schradieck School of Technic; Dont op. 20; Sevcik op. I, part I; Special Studies by Mazas, op. 36, book I; Schradieck's Scales; Pieces by Sitt, Hauser, Hille, Bohm, Alard, etc.

SECOND YEAR. Mazas op. 36, book II; Sitt op. 69, book I; Kreutzer 40 Etudes; Two and Three Octave Scale Studies and broken chords by Sitt; Caprices by Rovelli; Pieces of similar difficulty.

THIRD YEAR. 36 Caprices by Fiorillo; Sitt op. 69, book 2; Rode, 24 Caprices; Dancla op. 73; 20 Brilliant and Characteristic studies; Pieces by Hubay, Wieniawski, Dvorak, Ambrosio, Kreisler, etc., Concertos by Rode, De Beriot, David, etc.

FOURTH YEAR. Etudes by Gaviniex; Sitt op. 30, 12 Great Etudes; Dont op. 35; Gradus ad Parnassum; Bach's Sonatas for violin solo; Concertos by Wieniawski, Bruch, Mendelssohn, etc.

CHORAL SOCIETY

Besides the two glee clubs a good Choral Society is maintained under the conductorship of the director of the College of Music. The following are some of the choral works that have been sung in the history of this organization: Creation, Messiah, Elijah, Samson and Delilah, Stabat Mater; among the artists that have appeared have been the following: Evan Williams, Mme. Schumann Heink, Edward Strong, Herbert Witherspoon, John Siefert, David Dunbar, Douglas Powell, Miss Barbara Waite, Mesdames Evelyn Scotney and Helen Mudge; the Pasmore trio and Russian orchestra have also been heard.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

Freshman Year

FIRST SEMESTER

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
Musical History.....	2
German.....	5
or French.....	4
English Composition.....	2

SECOND SEMESTER

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
Musical History.....	2
German.....	5
or French.....	4
English Composition.....	2

Sophomore Year

Piano, or Voice, or Violin or Organ.....	4
Harmony.....	2
German.....	4
or French.....	3
Survey of English Lit.....	3
{ European History.....	3
{ European History preferred or Ancient Civilization.....	2

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
German.....	4
or French.....	3
Survey of English Lit.....	3
Medieval Civilization.....	2

Junior Year

Piano, or Voice, or Violin, or Organ.....	4
Counterpoint.....	3
German or French.....	2
Psychology.....	3
Philosophy of Aesthetics.....	2

Piano, or Voice, or Violin, or Organ.....	4
Counterpoint.....	3
German or French.....	2
Psychology.....	3
{ Modern Drama.....	2
{ or Philosophy of Religion....	2

Senior Year

Piano, or Voice, or Violin, or Organ.....	4
Interpretation and Form.....	3
Instrumentation.....	3
German or French.....	2
{ Science of Education or Phil- osophy or Logic.....	3

Piano, or Voice, or Violin, or Organ.....	4
Interpretation and Form.....	3
Instrumentation.....	3
German or French.....	2
{ Science of Education or Phil- osophy or Logic.....	3

PUBLIC SCHOOL MUSIC

MISS LISTON, *Instructor*

The aim of this Department is two-fold. First—a general study of the rudiments of music, for grade teachers. This work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of music that he may be able to carry on the work intelligently under the direction of a supervisor, or if necessary, to give such instruction himself.

One year's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public-school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching.

The second aim—a comprehensive study of music for those who wish to become supervisors. All students completing this special course will receive a diploma. Sufficient time to earn this diploma is given. Admission is based upon graduation from a high school of the first grade. Students who have sufficient scholastic preparation may take work in the State Preparatory School.

For those without much previous knowledge of music, two years will be required to complete the course, but those who have some knowledge of the piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department toward the completing of this course.

SIGHT SINGING—Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression.

EAR TRAINING—Systematically graded exercises to quicken the musical hearing. Oral and written reproduction of melodies in all keys.

CHORUS—A series of practical lessons in the study of material suitable for use in High School and Upper Grammar Grades.

The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

ADVANCED SIGHT SINGING—A class for those who are to become Supervisors of Music. A study of the different music systems in common use is taken up in this class.

METHODS—Principles of education as applied to the teaching of music. Course of study planned, for all grades from First Year through the High School. Special study of the voice. Study of song material suited to the various years of school life. Rote Songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games.

OBSERVATION AND TEACHING—Nine semester hours of teaching and observation are required in this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisors. As soon as students are prepared they begin teaching in the Training Schools, and as they acquire skill in teaching music in all grades under supervisions, they become experienced teachers of Public School Music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

PHYSICAL EDUCATION

C. M. DOUTHITT, M. D.,
Director of Physical Education

M. B. BANKS
Director of Outdoor Athletics

AIMS—

1. To develop bodily vigor and vitality, the prerequisite of mental efficiency.
2. To secure and maintain correct bodily carriage in standing, walking, and running, a balanced muscular development, and a fair degree of skill and ease of movement.
3. To provide an opportunity and incentive for every student to secure physical recreation to overcome the evils of the sedentary life of the student.

4. To promote the social, moral, and mental values of game and sports, and to secure to every student the opportunity for their practice.

5. To develop such habits of exercise in students that they shall continue their practice after leaving college.

REQUIRED WORK—Two semesters of work in physical training are required, unless the student is excused because of physical disability. This work should be taken during the first and second years of college life.

MEDICAL AND PHYSICAL EXAMINATION—All first year students are urged to take a medical and physical examination as soon as possible after entering college. The purpose is to determine the student's organic condition; to discover abnormal deviations of form, structure, and function; to warn and give special advice when necessary.

GYMNASIUM WORK—The work in the gymnasium consists of running, calisthenic drills (free hand, wands, dumb bells, and Indian clubs,) gymnastic dancing, heavy apparatus work, and active games, such as basket-ball, and indoor base-ball.

The exercises are chosen rather for their physiological value than their looks—for the education of the neuro-muscular system than for the mere development of strength.

The gymnasium is open for individual work throughout the day except during regular gymnasium class work.

OUTDOOR ATHLETICS—Facilities are furnished for the various forms of outdoor athletics. Ample opportunity is given to all who care to indulge in foot-ball, base-ball, tennis, and track and field athletics.

SCHOOL OF ORATORY

FACULTY

ALSTON ELLIS, Ph. D., President,
President

HARRY RAYMOND PIERCE,
Director and Professor of Public Speaking

IRMA E. VOIGT, Ph. D.,
Literary Interpretation

HOMER V. CHERRINGTON,
Assistant

JULIA BAKER,
Assistant

C. M. DOUTHITT, M. D.,
Physical Education

For what does the School of Oratory of Ohio University stand? What methods of instruction are used? Does it offer a practical course for college men and women?

Answering these questions in order: First, the school stands for a higher development of personality, for individuality and loftier purposes; second, to achieve the best results there must be brought to bear the highest possible training in thought and expression; third, today in all walks of life, men must be able to stand on their feet and express their views in public; and furthermore, be able to convince and persuade their fellow-men. To accomplish this result there is daily practice in committing selections and orations of prominent writers and speakers, then, in writing original speeches and delivering them, studying the great orators as models, thus developing high standards; also, a thorough training in voice production is necessary for a well

modulated voice. A good personality can always gain a hearing and accomplish the desired results. Making extemporaneous speeches from the class-room platform, during the second year's work, and debating the questions of the day form regular work. All these exercises are practical and profitable, because they prepare for a more useful life's work.

Beecher says; "Let no man who is a sneak try to be an orator." And he might have added, let no man aspire to distinction as a public speaker, whether it be in the pulpit, at the bar, or on the platform, unless he be willing to spend his days and nights in developing all the resources of his spirit, mind, and body. Our motto is: "A Rounded Development Must Be of Spirit, Mind, and Body."

Private Lessons

Two private lessons each week is a special feature of the School. This gives every student one hundred and twenty private lessons during the course. These lessons are given without extra charge. The best success of each pupil depends upon the private criticism. It enables the instructor at the very beginning to remove the personal difficulties and develop the student along the lines in which he seems deficient.

Bodily Expression and Pantomime

Art has its causation in the mind. All action of the body must be the result of the action of the mind. In this course, the body is treated as an instrument. It is freed from mannerisms and accidentals and trained to become the obedient and willing servant of the mind. A definite technique of action is introduced with exercises for the application of the principles of gesture. The office in expression of the different agents of the body—head, torso, and limbs—is studied. The pantomimic expression is carefully developed by problems of simple situations, characterization, life studies, original studies, and dramatic action.

How To Gesture

"Every outward movement is but the manifestation of an inward emotion. To know how and when to gesture are important facts. There should be ease and grace and absolute

control of the body. A gesture should be only for emphasis. to make the mental picture stand out more clearly before the audience; a gesture should never attract attention to itself, but should be the bodily expression of the thought. Gesture is that subtle language which conveys impressions which words are powerless to express."

Physical Culture

Too much stress cannot be laid upon the importance of physical development; there is a marked degeneracy in the physical powers of the men and women of today as compared with our forefathers. The tendency of the present age is towards mental rather than physical development and, as a result, we have an average of intellectuality without the necessary physical strength to support it. One function should not be neglected at the expense of another. There should be the Trinity of Spirit, Mind, and Body.

Voice Culture

The principles of vocal expression are not found in any mechanical rules, but in the thought and feelings of the speaker. If one would understand the rules which govern vocal expression, he must first learn how to think and feel with the author whom he interprets. His imagination, therefore, must be stimulated, his discriminating powers developed, and his voice becomes a responsive agent under the guidance of his emotions.

Instruction is given in the management and regulation of the breath, the proper use of the body, and the development of vocal energy.

English

The courses in English and Rhetoric are under the direction of Edwin W. Chubb, Litt. D., Dean of the College of Liberal Arts, and Professor of Rhetoric and English Literature.

The public speaker must not only be familiar with the best literature, he must have a mind stored with thoughts worthy of being imparted to others.

The aim will be to develop in the student the power of clear thought and accurate expression, in oral and written work; as it is believed by all that English literature is of primary impor-

ance to one who desires to become proficient in English expression.

Diplomas

Those completing the full course of two years, and passing the examinations satisfactorily, will receive a diploma bearing the name of Ohio University, School of Oratory. A charge of Five Dollars is made for this diploma.

Special Price

The usual cost for a term in the study of Expression at any of the well-known schools is Fifty Dollars per term, or One Hundred and Fifty Dollars per year, and when the student considers that he is to receive two private lessons each week, in addition to the course outlined above, this would not be too much. It is the wish of the authorities of the University, however, that all who care for this development may avail themselves of the opportunity. A semester's tuition in Oratory is \$28.50. A registration fee of \$9.00 is charged each semester, which allows the student to pursue other regular college work, if so desired.

Public Speaking

(All courses must be continued throughout the year.)

COURSE 1—Oratory I, II.

The aim is to acquire a pure tone, strength and flexibility of the voice, and a natural, easy manner of reading or speaking from the platform. Charts for correct pronunciation are made, miscellaneous selections studied, and parts committed which will be recited by the students before the class. Two hours. Each semester, Freshman elective. Text—*"Choice Reading,"* Cummock.

COURSE 2—Literary Interpretation III, IV.

This course covers the field of American Literature; selected authors are studied each week. The purpose of the course is to acquire the best possible expression—such as will reveal thought and emotion—of these different writings. Two hours. Each semester, Sophomore elective. Course must be preceded by Course I or an equivalent. Text—*Literary Interpretations*, S. H. Clark; *How to Gesture*, Ott.

COURSE 3—Public Speaking V, VI.

The masterpieces of modern oratory are first studied as models, then original orations are written and delivered from the platform. Extemporaneous speaking on subjects assigned in advance. The development of mental imagery in conjunction with which original descriptions of scenes are given by the student. Each member of the class is required to write and deliver two orations during the course. Two hours. First semester. Required of Juniors in A. B. and B. S., courses. Text—"*How to Speak in Public*," Kleiser.

COURSE 4—ADVANCED ORATORY OR PSYCHOLOGY OF PUBLIC SPEAKING. VII and VIII.

A public speaker's success is measured by his ability to influence the human mind. Psychology is a systematic study of this same mind. The connection between psychology and public speaking, therefore, is so direct that in this course, psychology is pursued as a study of the action of the mind in public speeches, their delivery and their influence upon the minds of audiences. The end attained is the ability to speak effectively on all occasions, and to all classes of people.

This study of Advanced Oratory is arranged especially for those who are pursuing the Graduate course in the Department of Oratory. Two hours each semester, Senior elective. Texts—"*Psychology of Public Speaking*," Scott; "*Effective Speaking*," Phillips.

COURSE 5—Argumentation.

Study and principles of argumentation. Preparation of briefs, weekly practice in debates and written arguments. Three hours, first semester. Elective for students who have completed Courses I or II. Text—"*Argumentation and Debating*," Foster.

COURSE 6—Debating.

Practice in preparation and delivery of debates. Elective for students who have completed Courses I and IV. Two hours, second semester.

COURSE 7—Interpretative Reading I, II.

This course is arranged especially for those who are fitting

themselves to teach. Correct emphasis in reading cannot be too highly commended, as it shows the intelligence of the reader and gives a certainty of meaning to the thought expressed.

It is a source of pleasure and culture to listen to the skillful reading of a book, newspaper articles or passages in the Bible. Two hours. Each semester. Elective.

COURSE 8—Shakspeare I, II.

Shakspearean plays, Bible and Hymn Reading. Critical study of four of Shakspeare's plays during the year. Expressional reading of principal scenes, and assigned passages are committed and recited. At the end of the year one of the plays will be given in costume by members of the class.

The study of Bible and Hymn reading well be taken up in the course for the sake of impressiveness. The words and the text must not simply be seen, but felt. The subject matter must come into the mind as reality—truth. The motive of the reader is to secure acceptance, and the end is belief. Two hours Each semester. Elective.

COURSE 9—Expression.

Advanced study of expression. The purpose of this course is to give more extensive preparation to those desiring to make a specialty of literary interpretation and expression, either for teaching or platform work.

Arrangements for this course can be made with the head of the Department. The instruction will consist of private lessons, for which three hours' credit will be given.

Course 9 must be preceded by Courses 1 and 2, or their equivalent.

COURSE 10—Dramatics.

This is a course offered to university students at large and growing out of an apparent need for training along such lines. Its purpose is not to produce finished actors, but to create an appreciation for good drama; to give a knowledge of some the technique of the stage, which so many young High School teachers find they need upon entering their work; and to give stage presence to the over-conscious. One comedy and one drama of more serious nature will be studied and coached. Three hours recitation with two hours credit. Second semester.

Oratorical and Debating Association

The Oratorical Association is open to all students regularly enrolled for twelve or more hours' work per week.

The object is to promote a higher standard of literary excellence in this institution, through annual contests with other colleges and universities, in debate, oratory, and such other forms of literary discourse as may be decided upon by the Executive Council.

There are two preliminary contests in debate and two preliminary contests in oratory to determine who shall represent the institution in inter-collegiate contests in debate and oration. The first preliminary contest is held in December of each year, and the second preliminary contest before the Easter vacation.

For further information concerning contests, send for "Constitution of the Oratorical and Debating Association of Ohio University."

Dramatic Club

A Dramatic Club, under the direction of Prof. Pierce, has been formed. Students are allowed to present one standard play each term of the school year. This is of great advantage to the pupils, as it brings out certain latent powers, develops the art of impersonation, acquaints the cast with stage terms and settings, and the art of costuming and making-up to represent the characters true to life. There is no better way of acquiring ease and freedom of manner on the platform.

DRAWING AND PAINTINGMARIE LOUISE STAHL, *Instructor*

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The work in this department is carried on as much as possible after the manner of our best art schools. The student begins with still-life and perspective drawing, and as he advances, draws from the cast and the living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged, and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form, proportion, and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Students in the Engineering Department will vary the medium from charcoal to pencil and pen and ink. Talks are given to the students on architecture, sculpture, and painting. These talks are illustrated with photographs, casts and lantern slides. There is also an abundance of illustrative material in the many art periodicals and works on art which are kept in the studio for the use of students.

THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY

FACULTY*

ALSTON ELLIS, Ph. D., LL. D.,
President

HENRY G. WILLIAMS, A. M., Ped. D.,
*Dean of the State Normal College and Professor of School
Administration*

FREDERICK TREUDLEY, A. M.,
Professor of Philosophy and Ethics

WILLIS L. GARD, A. M., Ph. D.,
Professor of the History and Science of Education

OSCAR CHRISMAN, A. M., Ph. D.,
Professor of Paidology and Psychology

EDSON M. MILLS, A. M., Ph. M.,
Professor of Mathematics

WILLIAM FRANKLIN COPELAND, Ph. M., Ph. D.,
Professor of Agricultural Education

HIRAM ROY WILSON, A. M., Litt. D.,
Professor of English

WILLIAM ALDERMAN MATHENY, A. M., Ph. D.,
Professor of Civic Biology and Elementary Science

*The instructors named above teach principally in Normal College classes. Members of the University Faculty have work in the Normal College, of a nature indicated by the University Departments with which they are connected.

THOMAS N. HOOVER, A. B., A. M.,
Professor of History.

FREDERICK C. LANDSITTEL, B. Ped., M. S. in Ed.,
Instructor in Methods and Art of Teaching

JOHN J. RICHESON, B. Ped.,
*Professor of Physiography and Supervisor of Rural Training
Schools*

C. M. DOUTHITT, M. D.,
Director of Indoor Athletics

GEORGE E. McLAUGHLIN,
Instructor in Manual Training

C. O. WILLIAMSON, B. Ph.,
Assistant in Manual Training

GEORGE C. PARKS, Ph. B.,
Instructor in Penmanship

HOMER GUY BISHOP, B. S.,
Instructor in Paidology and Psychology

ELIZABETH H. BOHN,
Principal School of Home Economics

ALICE C. SMITH,
Instructor in Domestic Science

MARGARET FARNAM,
Instructor in Domestic Science

MARY ELLEN MOORE, A. B.,
Assistant Professor in Latin

EMMA S. WAITE,
Principal of Training School

MARY JUNITA BRISON, B. S.,
Head of Normal Art Department

FAITH M. EDWARDS, B. S.,
Instructor in School Drawing

LENA PATTERSON, A. B.,
Assistant in School drawing

EUGENIA MAY LISTON,
Instructor in Public-School Music

ELIZABETH MUSGRAVE, AMY M. WEIHR, Ph. M., B. Ped.,
CARRIE A. COWDEN, WINIFRED L. WILLIAMS,
MARGARET A. DAVIS, CORA E. BAILEY, B. Ped.,
and MARGARET L. TILLEY,
Critic Teachers

LULU WILHELMINA REITER, RUTH ELEANOR HALL,
and LILLIAN ESTHER TERRELL,
Critic Teachers in Rural Training School

CONSTANCE TRUMAN MCLEOD, A. B.,
*Instructor in Kindergarten Education and Principal of the
Kindergarten School*

KATE DOVER,
Instructor in Kindergarten

TRAINING FOR TEACHING AT OHIO UNIVERSITY

THE BEGINNING—Ever since 1886, the Ohio University has made provision for the training of teachers, at first, in a Normal Department. This owed its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department, and its special work was

entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*" and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio, March 12, 1902, H. B. No. 369—Mr. Seese—became a law.

THE STATE NORMAL COLLEGE of Ohio University owes its existence to a provision of this act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4 of an Act of the Legislature, dated April 16, 1906, creates a special fund for the support of "the State Normal School or College in connection with the Ohio University." This fund is derived from a mill tax of five one-thousandths (.005) of one mill upon each dollar of the taxable property in Ohio. The annual income thus derived amounts to about \$37,500.

SCOPE OF WORK—The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact, the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching. At present, in Ohio, there are twelve times as many teachers employed in elementary schools as in high schools. Important as is the work of the high-school teacher, that of the elementary or primary teacher is, admittedly, more so. The latter work is fundamental, and upon its character depend in large measure the breadth, depth, and ultimate value of much of the work of the secondary school. Then, too, it must be kept in mind that by far the greater number of those enjoying public-school advantages never, as pupils, see the inside of a high-school. These considerations suggest that normal-school work should, first of

all, be planned to meet the wants of those preparing for service in the elementary schools. The higher grades of academic and professional training will follow, in any right-ordered, well-rounded scheme of normal-school organization, as a matter of course.

THE FUNCTION OF THE NORMAL SCHOOL

TRAINING—In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is equally essential in the equipment of a man or woman trained for the school-room.

PROFESSIONAL TRAINING—Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also by making statutory requirements of those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named. Before a man is permitted to extract your teeth he is required to produce evidence of professional fitness, and that evidence must have state recognition. It is not so with those who pretend to teach. Not even a high school graduation is required by the laws of this state. There is absolutely no restriction as

to scholarship, or special fitness, except as found in the judgment of the county or city examiner. Why should the training of the common school or the high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to become a profession the need of this special training must be recognized. Teaching is such a difficult, complex, and ever-changing process that more skill is required to teach a growing child as he should be taught, than to try a case before the bar of justice. To unfold the possibilities of a child's soul is a more delicate matter than the compounding of medicines or the use of the surgeon's knife. To unfold the senses, train the intellect, and direct the will of the child requires more discipline of mind and a greater breadth of view than to preach a sermon.

TEACHERS REQUIRED—Approximately 29,200 teachers are necessary to supply the public schools of Ohio, 26,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of the township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. This means that an equal number of teachers leave the work of teaching each year. Various causes may be given for the constant changing in the personnel of the great body of teachers. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal school graduates. Not a large percent are graduates of high schools. These new teachers are usually young people, who by their own efforts, unaided or misguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

HIGH SCHOOLS—Although high schools are multiplying

rapidly and growing more and more efficient year by year, yet many of these young people have never had the opportunity of high school training. Besides, a knowledge of high school subjects is not required of the applicant who seeks admission to the examination for the teacher's certificate. Therefore, high school graduation cannot wisely be made the standard of admission to our state normal schools so long as the laws governing the certification of teachers remain as they do at present. The state can not wisely close her doors against the young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them.

The law establishing these state normal schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or as those having only equivalent education are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the preparatory course leading to the regular college courses in Elementary Education and Secondary Education, found elsewhere in this catalogue. Attention is also called to the fact that persons holding a teacher's certificate may complete one of the elementary courses in two years. Teachers of much experience may enter the two-year course and be conditioned on preparatory work but cannot receive a diploma until they have 15 units of preparatory work to their credit.

VALUE OF TRAINING—Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not necessarily all professional, so called. The school that can combine these two essentials in the teacher's

preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found, Each of the courses offers a collegiate training in academic and cultural studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular College course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the best instruction given in the University, as Normal College students are often taught in the same classes by the same professors, and have access to all the privileges of the University. Besides, instructors in the Normal College are chosen for their skill in teaching, or their special training for the work of instruction.

RURAL SCHOOL TEACHERS—But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spent years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the state and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University, where they will be carefully guided in the selections of such studies as will make them more efficient. Our duty in this matter is plain. The laws of 1914 require professional training of all teachers in rural and village schools. To enter a teachers' examination after January 1, 1915, a minimum of six weeks of professional training is required. This increases six weeks each year until 1920, when a full year of not less than 36 weeks is required. An examination is still required of those who have even one year of professional training but graduates of the two-year course in the four-year are granted state life certificates without examination.

The attention of prospective students is invited to the several courses of study, in the State Normal College, found elsewhere

in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Fifteen units of credit in any recognized preparatory subject admit the student to the Freshman class. The course in Elementary Education leads to a diploma from the Normal College. This diploma entitles the holder to a four-year State Certificate upon graduation, and a life certificate after 24 months of experience following graduation. These certificates are valid in all but high schools and are accepted as state-life certificates in 32 other States.

The four-year course in Secondary Education is the equal in scholastic requirements of any other course in the University.

COURSES OF STUDY IN THE STATE NORMAL SCHOOL

FOR TEACHERS OF COUNTRY SCHOOLS—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal School authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal School at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Schools as are the people in the cities. These schools belong to all the people of Ohio and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so many of the graduates and trained students of the State Normal College do not return to the country schools is because the towns and cities outbid the township boards of education and pay often from \$100 to \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships can not pay more. In such a case it is the plain duty of the State to aid such townships, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to

offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed and school laws of 1914 set a much higher standard as an incentive to communities unwilling to have poor schools.

ELEMENTARY STUDIES—But the State Normal College offers special training in all so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Besides articulating their work with that of the special department for the training of rural teachers, both as to methods to be employed in the district schools and as to the rural-school course of study, most teachers and professors in charge of the work in the State Normal College have had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides it is one of the cardinal principles of the State Normal School to make constant study of rural-school conditions in Ohio. The school laws of 1914 require each teacher who is not a graduate of Normal School, to be examined in teaching efficiency. This test is given students in the various Training Schools of the State Normal College and these certificates of teaching will be necessary for all who must take any form of a county teachers' examination. But teaching can not be permitted until the work leading up to it has been completed, except in cases of experienced teachers.

COURSES ARE GIVEN in Orthography, Reading, Penmanship, Arithmetic, Grammar, Composition, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, the Course of Study, Nature Study, Elementary Agriculture, Advanced Agriculture, Manual Training, Domestic Science, Gardening, Elementary Chemistry, Physics, Botany, Latin, German, and everything that a progressive rural school teacher needs. Special emphasis is placed upon the problems of country school organization and management.

There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single term at the State Normal School at Athens. Students may enter at any time, study whatever they wish if they are qualified to enter the classes, and no entrance examinations are required. The Dean of the Normal College will confer with the students and advise them as to the studies they should pursue, but all assignments are wholly in the interests of the student. The Observation and Practice Teaching required by law are done in the Rural Training School of the State Normal College, or in the Grades Training School for elementary teachers.

FOR GRADE TEACHERS.—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, several courses are offered. For those who are graduates of good high schools, a two-year college course is offered, covering advanced reviews of all the common branches each pursued in the light of the best methods of teaching the subject in the grades (by "grades" is meant the elementary school—all work below the high school, usually divided into eight grades, or years); courses in Principles of Education, both both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Sociology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, Agriculture, Domestic Science, Manual Training, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a Diploma in Elementary Education, which becomes a State Life Certificate, without examination, after 24 months of experience. This diploma represents as much scholarship and training as graduation from any one of the half-score of highest grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least a state certificate to teach. At the beginning of 1914, 32 states accept these diplomas as state certificates.

Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have

not completed before entering the State Normal School. The completion of this course admits the student to any Normal College course, the same as graduation from a high school of the First Grade.

FOR HIGH SCHOOL TEACHERS.—The course for high-school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Science in Education, the full equivalent in scholarship and literary culture of any bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, German, Greek, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high-school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high-school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high-schools. It is not enough that such teachers shall know Latin and Greek and Geometry and every thing else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject-matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the elementary teacher, but have continued to accept the inexperienced, untrained college graduate as the high-school teacher. As a result there is more poor teaching done to-day in the high-schools than in grades of the same town or city. We need *trained* high-school teachers. The school laws of 1914 require professional training for high-school teachers, not less than 6 weeks by January 1, 1915, and 6 weeks additional each year until the minimum shall

be one full year or 36 weeks by 1920. This means that all the work for the six weeks shall be done in the Normal College. A student could not elect one or two studies in the Normal College and take the remaining subjects in branches not related to a professional course. Ninety actual hours of class-room work constitute the minimum for six weeks' credit.

PRACTICE TEACHING—The State Normal College has a State Preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, German, Greek, Physics, and all other secondary school subjects. Students in the State Normal College who are pursuing either the course for high school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high school work must show proficiency to a high degree in teaching at least one high-school subject before a diploma will be granted.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high-schools. Credit for professional training as required by the laws of 1914, cannot be obtained from any school or college not approved by the State Superintendent of Public Institutions. The State Normal College has been doing this character of work since 1902, and was the first institution so approved.

COURSES FOR SUPERINTENDENTS—This course is the same as that for high-school teachers except that the requirement of three collegiate years in one subject is not made, and more work in Administration is required.

FOR COLLEGE GRADUATES—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Science in Education. All the work of this course is of a professional nature, and is well adapted to meet the needs of those who desire to teach in the elementary schools

or high-schools or to serve as superintendents, due to the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

COURSE FOR RURAL TEACHERS—Special attention is called to the course for students preparing to teach in the rural schools. The opportunities in this direction are unexcelled, and teachers and prospective teachers will find this course most satisfactorily planned to meet their needs. The course is broad enough in the academic studies to meet the needs of teachers preparing to teach the various elementary branches; and the opportunity to study methods of teaching, principles of education, school management, etc., is broad enough to equip teachers most satisfactorily for work in the rural schools. The Rural Training School is in session from the second Monday in September until the latter part of July, within one week of the close of the Summer School. To inexperienced teachers this is a Model School or school for observation, but to experienced teachers and students sufficiently advanced, it is a Practice School. The County Training Schools to be established in each county in Ohio under the provisions of the laws of 1914, will articulate with this Department and the State Normal College will have under its direction six one-room Model Rural Schools besides the one in operation at Athens.

COURSES FOR PRIMARY TEACHERS—Very frequently a teacher desires to make a special preparation for work in the First Grade, or D Primary. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 120 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music Drawing, etc., To fit them for positions as Special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teaching will be confined to the Primary Grades in the Training School. Those who desire to make special prepara-

tion for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

THE KINDERGARTEN—Special attention is directed to the fact that the State Normal College maintains a first-class Kindergarten, under the skilled direction and teaching of specialists of much experience, who not only teach the Kindergarten, but train prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public school system of Ohio, and all boards may make a special levy for the support of kindergartens.

DEPARTMENT OF ELEMENTARY SCHOOL SCIENCE—It is with peculiar pleasure that the State Normal College announces as a strong department that of Elementary School Science, consisting of courses in Nature Study or Civic Biology, Botany, Elementary Chemistry and Physics for the Elementary school. A specialist of broad and practical experience has charge, a fine laboratory has been equipped, and opportunities are here offered for thorough work.

DEPARTMENT OF AGRICULTURE—Prior to June, 1911, instruction in Agriculture was given in the Department of Elementary Science. Courses had been given for three years prior to that time, and the increasing demand for such work justified the organization of a new department. The primary purpose is to equip teachers to give instruction in agriculture in the public schools. The reader is referred to the detailed description of courses elsewhere in this catalogue.

THE TRAINING-SCHOOL—The very center of a normal school is its Training-School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training-School. This Training-School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades, the Rural Schools, and the High-School—the full range

of teaching in public schools. This Training-School consists of well-graded and closely-articulated schools covering the Rural School, the Kindergarten School and all the primary and grammar grades, follow by the State Preparatory School for High-School practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training-School. During the first year of the student's training the Training-School is used as an observation or model School, in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room. During the second year of the course, the pupil-teacher is required to teach in the Training-School, which then becomes a Practice School.

During the first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training-School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History, and other secondary school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 90 hours, or lessons, and this teaching must be of such character as will be accepted by the College authorities. The total amount of work in observation and teaching required in secondary subjects is 180 hours. The student may teach 120 hours and observe 60 hours, but not less than one-half of the total of 180 hours shall be given to teaching.

The Ohio law authorizes the State Commissioner of Common Schools to fix the amounts and ratios of observation and of Practice Teaching and that office has determined the ratios and aggregates here given.

LIFE CERTIFICATES FOR TRAINED TEACHERS

AT LEAST FORTY STATES in the Union recognize the value of professional training for their teachers. This recognition is shown in their certification laws, in which graduates of their State Normal Schools are granted professional certificates exempting their holders from further examinations. In twenty-one states the graduates of the State Normal Schools and Colleges of Education are granted permanent or life certificates upon graduation and in twenty-one states provisional certificates are granted, valid for a period ranging from two to four years, at the expiration of which time the certificates are made permanent upon the applicant's credentials showing successful teaching experience. Until 1910, Ohio was not to be found in either column, but the legislature of 1910 enacted the Hawkins Law, which recognized professional training by granting to the holders of diplomas from Normal Colleges first a state provisional certificate, valid for four years, such certificate to be made permanent when the holder had passed a limited professional examination before the State Board of School Examiners and had had not less than twenty-four months of successful experience in teaching. But by the Morris Bill enacted in February, 1914, this preliminary examination is made unnecessary, and the graduate of this institution is granted a state certificate at once, without examination.

Prior to the enactment of this law several states had recognized the diplomas of the State Normal College of Ohio University, by granting provisional or permanent state certificates to their holders. Of the 48 states in the Union, at least 32 recognize the diplomas from the State Normal College as state licenses to teach, usually as life licenses without examinations. The Dean of the State Normal College will furnish full information on this point to graduates who contemplate teaching in a state other than Ohio.

THE NORMAL SCHOOL OR COLLEGE which grants a diploma recognized under the Ohio Law of 1914, must offer a college course of not less than two full years beyond graduation from a four-year high-school course or equivalent preparatory scholarship. This means that the preparation for such a professional course must cover not less than 15 units of high school or secondary subjects, a unit standing for a subject pursued not less than one year of not less than 32 weeks. In ordinary interpretation this means that 160 recitation hours or periods of 40 minutes each, shall be given to a high school subject to equal one unit of credit. Under the ruling of the State Superintendent of Public Instruction who is given authority under the law to fix the standards of observation and practice teaching, and determine the ratio of academic work to work in professional subjects, not less than 50% of the two-year course in the Normal School or College shall be given to educational or professional subjects. The law provides that all courses for elementary teachers, and special teachers in Drawing, Music, Kindergarten, Manual Training, etc., shall cover not less than two years of work apportioned between professional and academic subjects in such ratio as the State Superintendent of public Instruction shall require. As a part of the professional work done in such a case there shall be not less than 180 recitation hours devoted to Observation and Practice Teaching in a Training School under the direction and control of the Normal School or College, and not less than 90 hours of this work shall be given to actual teaching in such Training School.

SPECIAL CERTIFICATE—Graduates from the courses in Kindergarten, Public School Music, Public School Drawing, Manual Training, Domestic Science, or Agriculture are entitled to a four-year state provisional certificate upon graduation, valid in any school in Ohio, to teach the special subject covered by the diploma. After 24 months of teaching experience this is made a special life certificate by the State Board of School Examiners.

ALL GRADUATES of a four-year Normal School or College course pursue the same general plan and are granted High School Life Certificates. The four-year courses shall include not less than 25% of professional subjects in which shall be included actual Observation and Practice Teaching in secondary subjects

in a Training School under the direction of the Normal School or College. This means that no such diploma shall be recognized unless one full collegiate year has been devoted to professional subjects, although the work in these subjects may be distributed throughout the four years. Graduates of the four-year course are granted the degree of Bachelor of Science in Education and a four-year State High School Certificate upon Graduation and this is made a High School Life Certificate by the State Board of Examiners after the holder has taught 24 months.

ALL PROGRESSIVE TEACHERS in Ohio now certainly have a strong inducement to obtain professional training. The facilities for such instruction in the State Normal College of Ohio University are such as to meet in every detail all the conditions imposed by the laws of 1914 and by the requirements of the office of the State Superintendent of Public Instruction. In fact, the standard at the State Normal College has always been as high as that above described. The course for high-school teachers and superintendents offered by the State Normal College requires 35% to be done in educational subjects. The facilities for Observation and Practice Teaching required by this law are more than ample to meet the need in the training of teachers in the elementary schools, in the high-schools, in the rural schools, and for positions as supervisors in special subject or as County Superintendents and District Superintendents.

In addition to the courses above outlined and recognized by the state in the granting of professional life certificates, the State Normal College has also made ample provision for the professional training of teachers for the rural schools, having established clearly differentiated courses for such teachers and opened a Rural Training School, which is supervised by a trained teacher who has had wide experience in the rural schools. Special attention is directed to a detailed description of this course elsewhere in this catalogue.

DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR WILLIAMS

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses are briefly described as follows:

1. **SCHOOL ADMINISTRATION AND SCHOOL LAW**—This is a three-hour course for one semester, and includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Chancellor's *Our Schools and Their Administration* is made the basis of this course. Much of the work, however, is in the form of a library and lecture course. First semester, three hours.

2. **SECONDARY COURSE OF STUDY**—This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of presentation of these subjects, the purpose of secondary school training, the relation of the secondary school to the elementary school on the one hand, and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will

receive some attention, but special instruction in the methods of high-school teaching must be obtained in the Department of Methods.

The texts used are DeGarmo's *Principles of Secondary Education*, *Report of the Committee of Ten*, and *Report of the Committee of Seventeen on the Professional Training of High School Teachers*. First semester, Junior year, three hours. Required of all students pursuing the course leading to the degree of Bachelor of Science in Education, and may be elected by Juniors and Seniors in other courses.

3. SUPERVISION AND CRITICISM—This is a two-hour required study in the course for superintendents and high-school teachers and is given during the second semester, and occasionally repeated in the Summer term. The purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision, certainly no course in the Normal College could be more valuable.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, The Report of the Ohio School Survey Commission, Ohio School Laws, etc.

4. THE PROBLEM OF SCHOOL ADMINISTRATION—This is a two-hour course, extending through the second semester, senior year elective, and open only to those who have had courses in the Science of Education, History of Education, and School Administration.

DEPARTMENT OF METHODS AND MANAGEMENT

PROFESSOR LANDSITTEL

Educational procedure in its various phases is eminently worthy of clear exemplification. Its mastery implies the application of scientific principles with understanding, and calls for deftness and skill in handling pupils and materials as well. This department strives toward the end thus defined. By the use of the Training School class-room as a laboratory of method, students are enabled to see, and make for themselves, practical application of the various theoretical solutions of teaching problems which are developed in the regular course of instruction.

Appreciation of the dignity and wealth of opportunity in the teacher's work is stimulated incidentally in all courses as the grounding of a sincere and wholesome professional spirit.

1. GRAMMAR GRADE METHODS I—Three hours, first semester. Freshman required. A thorough study of the recitation constitutes the fundamental part of this course. The accepted general forms of procedure represented in current usage are studied, with attention to the corresponding lesson plans. Regular observation work in the Training School is carried on, either preceded or supplemented by class consideration of the principles involved. The teaching of reading, elementary science, geography, and morals are carefully developed, and incidental observation work in domestic science, manual training, music, and drawing is introduced. Strayer's *Brief Course in the Teaching Process* will be used as a text book, supplemented with library assignments.

2. GRAMMAR GRADE METHODS II—Three hours, second semester. Freshman required. This course is a continuation of the work of Grammar Grade Methods I, with special attention to the teaching of language and grammar, history, geography, and arithmetic. The work in this course will be based entirely upon assigned readings.

3. ELEMENTARY CURRICULUM—Two hours, first semester. Sophomore required. Prerequisite, a minimum of ten hours' work in education. The fundamental principles of ultimate and immediate aims in school instruction receive first consideration in this study of the curriculum, and they logically connect with the great question of educational values. The latter are regarded as inhering in subject matter not solely by reason of its importance as world knowledge, but quite as much because of its adaptability to the capacity and needs of the growing child. The bearing of community interest upon values is given attention, with the end in view of promoting the better social service of educational agencies. A study of sequences, both logically and psychologically considered, and of the correlation of subjects, paves the way for practical work in the construction of courses. The text-books used will be Groszmann's *The Career of the Child*, and Williams' *Course of Study for Ohio Schools*.

4. SCHOOL MANAGEMENT AND SCHOOL LAW—Two hours, first and second semester, one semester required. Freshman. The work embraced under this head deals with the factors affecting the life of the school, both within and without. The state as the basal authority in organization, and property also in administration, is the point of departure in school law, from which are traced legislative enactments as to school districts and officials, revenues, certification of teachers, institutes, school buildings, libraries, etc. These topics are correlated with the problems of management by which the teacher is sure to be confronted, among which may be enumerated classification and promotion of pupils, discipline, conditions in buildings and grounds, examinations, and the teacher's administration of the curriculum. Attention is directed to the larger questions involved in public education which are now under discussion; and an alert progressive attitude toward these matters is encouraged. Dutton's *School Management* and Bagley's *Classroom Management* will be the text-books for this course.

5. SCHOOL LAW PRESENT AND PROSPECTIVE—Three hours, first semester. Senior, elective. The legal aspects of school organization and the jurisprudence of teaching will be worked out in this course through lectures and assigned readings. Equipment of the educational worker with knowledge of his professional rights and responsibilities as confirmed by the law will be the controlling aim. The statutes of Ohio will be the chief source to which students will be referred. Enactments growing out of the Ohio School Survey will receive particular attention, along with the unsatisfied needs in the way of legislation which it reveals. Comparative studies in essential features will be made throughout the course between the Ohio system and that of other states.

6. SOCIAL METHODS IN EDUCATION—Two hours, second semester. Sophomore required. The aim in this study is to present teaching as a social service, and to give insight into the social relationships that condition education both within the school itself and as regards its connection with other social structures. Students are put in touch with the most recent undertakings in the way of giving added efficiency to education. Specific topics to which the course relates are—(1) social

stimuli in mental development; (2) social situations in the recitation; (3) self-organized group work; (4) leadership in group life; (5) the function and form of school dramatics; (6) the utilization of play and vocational interests; (7) school and neighborhood clubs; (8) the school in relation to community life; and (9) adult education. The text-book which is used, King's *Education for Social Efficiency*, introduces these subjects, among others, being supplemented as the work proceeds by means of lectures and collateral readings.

7. HIGH SCHOOL METHODS—Two hours, second semester. Junior and senior required. An understanding of the special function of the American high-school is developed through consideration of its past history, its present academic and social aspects, and its relation to the general problem of adolescence. The essentials of secondary class management will be dealt with; and opportunity for special study of the teaching of individual high school subjects will be afforded as indicated by the following outline:

Year of 1914-15	{ High School Methods in English High School Methods in Foreign Languages
Year of 1915-16	{ High School Methods in Mathematics and Science High School Methods in History

The courses appearing for 1914-1915 will be given again in the year of 1916-1917; those for 1915-1916 in 1917-1918, and so on. Brown's *American High School* will be used as a text-book for the introductory part of the course. The study of special methods will be pursued through lectures and assigned readings.

8. THEORY AND PRACTICE—Three hours, first and second semester. Freshmen required. This course deals with the five phases of the teacher's work—organization, management, instruction, training, and discipline. It makes rapid survey of educational principles and procedure, and is designed to serve the interests of teachers of experience who may wish to prepare for the general state and country examinations, and of those, as well, who are seeking state or local certificates in special subjects.

DEPARTMENT OF THE HISTORY AND PRINCIPLES OF EDUCATION

PROFESSOR GARD

It is the purpose of the department to familiarize the student with the historical and current ideas and conceptions of education. The courses are arranged to meet the professional needs of elementary teachers, secondary teachers, superintendents, and special teachers in drawing, music, domestic science, manual training, and agriculture. Courses *one*, *two*, and *eight* are especially designed for elementary teachers and the teachers of the special subjects; Courses *three*, and *four*, for secondary teachers; Courses *three*, *four*, *five*, *six*, and *seven* for superintendents and advanced students.

The department does not encourage students to remain with us for graduate study. Those, however, who elect such work in the department must do the work in actual residence. For a minor a student must complete six semester hours and for a major he must complete eighteen semester hours.

1. PRINCIPLES OF EDUCATION—An elementary course which seeks to acquaint the student with the practical and scientific phases of teaching. The principles of teaching are based on the laws of genetic and dynamic psychology. The psychological factors in the process of learning and the science of the recitation receive careful consideration. Monday, Wednesday, Friday. Second semester. Open to students who have credit for one semester of psychology or an equivalent.

2. HISTORY OF ELEMENTARY EDUCATION—A brief course in which attention is given to the events in the history of education that throw light on the problems of the teacher in the elementary schools. Special attention is given to the work of the reformers of the eighteenth and nineteenth centuries. Monday, Wednesday, Friday. First semester. Course repeated the second semester. Open to sophomores.

3. SCIENCE OF EDUCATION—(a) *Psychological and Biological Principles*. During the first semester the main and well-tested results of the scientific study of education from the psychological and biological points of view receive consideration.

No attempt is made to give prescriptions and devices. The course is concerned with the fundamental principles of education. (b) *Social Principles of Education*. During the second semester an attempt is made to formulate the social concept of education. Attention is given to the social meaning of education and to the concrete application of the principles to present-day needs. Monday, Wednesday, Friday. Throughout the year. Open to juniors.

4. HISTORY OF EDUCATION—(a) *Ancient and Medieval*. During the first semester a study is made of the larger movements of educational thought during the ancient and medieval periods. Educational ideas, methods, and curricula are studied in their relation to social, cultural, and industrial changes. (b) *Modern Period*. During the second semester a study is made of the Reformation and its influence on education. Much attention is given to the social and industrial conditions of Europe which made necessary the great reform of Comenius, Pestalozzi, Herbart, Froebel, and Spencer. The fundamental recommendations of each of the reformers are carefully noted. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

5. MODERN SCHOOL SYSTEMS—(a) *Germany and France*. A study is made of the development and organization of primary and secondary education. Attention is given to the training of teachers and to the relation of the schools to the life of the people. Special attention is given to the provisions for industrial education. (b) *England and the United States*. The treatment is the same as in the first division of the course. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

6. PHILOSOPHY OF EDUCATION—An advanced course in the theory of education. An intensive study of the theories of Plato, Aristotle, Comenius, Locke, Rousseau, Pestalozzi, Herbart, Froebel, Spencer and others will be made. Monday, Wednesday, Friday. Throughout the year. Open to seniors.

NOTE—Courses *five* and *six* will alternate. Course *five* or *six* may be substituted for Course *four*.

7. SEMINAR IN EDUCATION—In this course an opportunity is given to study intensively some phase of education. In

selecting the topic for investigation consideration is given to the needs of those electing the course. One hour a week. Throughout the year. Open to seniors.

8. VOCATIONAL EDUCATION—A study of the historical development of vocational education, its justification from the standpoint of psychology and society, and its present status. The course is designed to acquaint the student with what is being done in this field and to point out its relation to the whole problem of education. Tuesday, Thursday, first semester. Open to sophomores. Required in the diploma courses in Agriculture, Domestic Science, and Manual Training.

PRIMARY METHODS, OBSERVATION AND TEACHING

MISS WAITE

THE PURPOSE of this department is to train teachers. We attempt to do this through instruction, observation, and practice.

It certainly does not follow that, because a man or woman is a good student, he or she must necessarily be a good teacher. The profession of teaching, like any other profession, must be studied. After the work in observation and theory, comes the opportunity of putting these into practice under the supervision of thoroughly trained teachers. Our Training School, consisting of about three hundred children, including all the Grammar as well as all of the Primary grades, a Principal, seven Critic Teachers, and five Special Teachers, furnishes ample opportunity for this practice. The Special Teachers teach Music, Drawing, Domestic Science, Manual Training and Nature Study.

PRIMARY METHODS AND OBSERVATION—Three times each week throughout one year the class is given a lesson in Primary Methods. At the close of each lesson, the class is taken to the Training School to see an application of these methods in a model lesson given by a Critic Teacher. Before going, the students are instructed as to what they should carefully observe, as we have no aimless observation in our Training School.

Special attention is given to the teaching of every subject in the Primary Grades, with suggestions as to good devices for

drill work. The same may be said of the work in the Grammar Grades, under another department.

Attention is given to the writing of lesson plans, so that, at the close of the year's work, the student is ready to begin his teaching in the Training School.

TEACHING—As we learn to do by doing, the best way to learn to teach is by teaching under skilled supervision.

As each student is given a subject to teach in the Training School, he is held entirely responsible for the results of his work. No lesson, however, is ever taught, until a plan, submitted at least the day before the lesson, is either approved or corrected.

The student is allowed to specialize to some extent in his teaching. Although it is not thought best that he should do all of his practice teaching in one grade, he may do it all in either the Primary or Grammar grades, and at least two-thirds of his teaching may be done in the special grade of his own choosing.

All of the practice teaching is under the close supervision of the Critic Teacher of the grade, or a special teacher, and the Principal of the Training School.

PAIDODOLOGY AND PSYCHOLOGY

PROFESSOR CHRISMAN

*ASSISTANT PROFESSOR BISHOP

HERMAN H. YOUNG, *Instructor*

CHARLES E. SKINNER, *Assistant*

THE PURPOSE of the work in Paidology, the science of the child, is to furnish a knowledge of child nature. It is intended to give to students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is proposed to acquaint students with such facts of mind as have been gained

*Absent on leave for the year.

through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

IN BOTH PAIDODOLOGY AND PSYCHOLOGY facilities are afforded for laboratory and field work whereby much of the work is carried on by observation and experimental methods, so that not only is there opportunity given for learning the subject matter, but also for applying the work so as to give further power that will greatly aid in mental growth.

The details of the work of this Department are given here with. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

I. COURSES FOR UNDERGRADUATES

1. PSYCHOLOGY (INTRODUCTORY).—The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-book used will be Phillipsbury's *Essentials of Psychology* supplemented by Angell's *Psychology*, with references to other texts. Throughout the year; recitations, Section I, 8:30, Monday, Wednesday, Section II, 2:00, Monday, Wednesday; laboratory three hours per week (2500 min.) at hours as assigned. In the second semester Section II will not begin till April 27, in order to accommodate students entering about that time, and the recitations will be five times a week. Three hours of collegiate credit each semester. Open to all.

2. PAIDODOLOGY (INFANCY).—In this course will be taken up the first period of life after birth, a knowledge of which is so important for the better understanding of the periods following. There will be studied both the physiological life of the being at this time, including the diseases of infancy, the beginnings of language, volition, and motor ability, the rise and development of the senses, etc., and also the care and attention needed by the infant as a basis for future growth. The references will be works on the diseases of infancy together with studies on growth and development, as Preyer's *Development of the Intellect*,

Preyer's *Senses and Will*, Shinn's *Notes on the Development of a Child*, Griffith's *Care of the Baby*, and Forsyth's *Children in Health and Disease*. Second semester; recitations 10:30 Monday, Wednesday; laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit. Open to all.

3. PSYCHOLOGY (COMPARATIVE)—This course will consist of a study of the development of intelligence in animal life as going along with the development of the nervous system as presented through behavior. With the texts to be used will be found Washburn's *Animal Mind*, Yerkes's *Dancing Mouse*, Morgan's *Introduction to Comparative Psychology*, Jennings's *Lower Organism*, Watson's *Animal Education*, and Thorndike's *Animal Intelligence*. First semester; recitation 7:30 Tuesday, Thursday; laboratory and field work 3 hrs. per week (2500 min.), at hours as assigned. Three hours of collegiate credit. Open to sophomores and of higher rank and in some cases to Freshmen.

4. PAIDODOLOGY (CHILDHOOD)—In this course the time of childhood is taken up. The general characteristics of this period growth, disease, the senses, mental and physical development etc., are studied. Also observations and studies of children are carried on in the field and in the laboratory. Among the magazines referred to in the course are the *Pedagogical Seminary*, *Studies in Education*, and the *Paidologist*; among the books are Oppenheim's *Development of the Child*, Thorndike's *Notes on Child Study*, Chamberlain's *The Child*, Kirkpatrick's *Fundamentals of Child Study*, Sully's *Study of Childhood*, and Warner's *Study of Children*. First semester; recitations 7:30 Monday, Wednesday; laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit. Open to sophomore and to higher rank.

5. PSYCHOLOGY (GENETIC)—Under this course will be studied and compared the psycholological development as shown by the child and the race. Among the topics to be considered will be the meaning of infancy, habits of growth and activity, physical development as related to mental development, and

the interests and impulses of the child and the race. Works relating to the mental development of the child and of the race, as, Baldwin's *Mental Development in the Child and in the Race*, Kirkpatrick's *Genetic Psychology*, Tracy's *Psychology of Childhood*, King's *Psychology of Child Development*, Fiske's *Meaning of Infancy*, with other psychological texts, will furnish the material for this course. Second semester; recitations 7:30 Monday, Wednesday; laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit. This is intended primarily for those completing the course for Elementary Teachers in the State Normal College. Open to Sophomores, who have completed one semester of psychology.

6. PAIDODOLOGY (ADOLESCENCE)—This includes the time of boygirlhood and youth. It is intended to give a knowledge of this so important time in the life of the young, directing attention to the remarkable growth and the changes that take place, taking up the characteristics of this period, with the mental and moral conditions that occur. Some of the magazines and books used are the *Pedagogical Seminary*, *Psychological Clinic*, *Journal of Adolescence*, Gross's *Play of Man*, Claparède's *Experimental Pedagogy and Psychology of the Child*, Latimer's *Girl and woman*, Hall's *Adolescence*, Starbuck's *Psychology of Religion*, and Ellis's *Man and Woman*. Second semester; recitations 7:30 Tuesday, Thursday; Laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit. Open to Sophomores and higher rank.

7. PSYCHOLOGY (EXPERIMENTAL)—A study will be made of the subject matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Titchener's *Text-book, of Psyshology*, Sanford's *Experimental Psychology*, and Myers's *Text-book of Experimental Psychology*,

with reference to other works on psychology. Throughout the year; recitations 9:30 Tuesday, Thursday; laboratory 3 hrs per week (2500 min.), at hours as assigned. Three hours of collegiate credit each semester. Open to Juniors and higher rank and in some cases to Sophomores.

8. PAIDODOGY (UNCIVILIZED AND HISTORICAL CHILD)—In this course will be studied the child as found among uncivilized, semi-civilized, and historical peoples. Some of the topics considered under the first subject are the relations of child and parent, care of child, deformation of children, games and plays and songs. Under the last heading is considered the child as found among the nations of ancient times, in Medieval Europe, and earlier United States. Comparisons are made in these studies with the child as found at present among civilized peoples. Such works are consulted as the *Smithsonian Reports*, Chamberlain's *Child and Childhood in Folkthought*, Bancroft's *Native Races of the Pacific State*, Kidd's *Savage Childhood*, Guhl and Koner's *Life of the Greeks and Romans*. Headland's *Chinese Boy and Girl*, Gray's *Children's Crusades*, and Earl's *Child Life in Colonial Days*. First semester; recitations 8:30 Tuesday, Thursday; laboratory and field work with children 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Three hours of collegiate credit. Open to Juniors and of higher rank and in some cases to Sophomores.

9. PAIDODOGY (ABNORMAL CHILD)—Defective children, delinquent children, dependent children, wildings, and exceptional children are studied under this heading, knowledge of the first four classes leading up to a better comprehension of exceptional children, who need so much to be studied and understood. Some of the works used are Wade's *Deaf-Blind*, Folks's *Care of Destitute, Neglected and Delinquent Children*, Morrison's *Juvenile Offenders*, Riis's *Children of the Poor*, and Travis's *Young Malefactor*. Second semester; recitation 8:30 Tuesday, Thursday; visitations to institutions on Saturdays. Three hours of collegiate credit. Open to Juniors and higher rank and to Sophomores who have completed at least one semester of paidology.

II. COURSE FOR ADVANCED UNDERGRADUATES AND GRADUATES

10. PSYCHOLOGY (SOCIAL AND INDIVIDUAL).—This course will include a study of the individual in his own activities and as modified by groups of individuals as found in the crowd, the mob, the assembly, and other gatherings social, religious, business, studying especially the influence of suggestion, imitation, and leadership. Among the works used in this course will be Ercken's *Problem of Human Life*, Ames's *Psychology of Religious Experience*, Ward's *Psychic Factors of Civilization*, Baldwin's *Individual and Society*, Lydston's *Diseases of Society and Degeneracy*, Le Bon's *The Crowd*, Fite's *Individualism*, and Scott's *Increasing Human Efficiency in Business*. First semester; recitations 10.30 Tuesday, Thursday; laboratory and field work 3 hrs. per week (2500 min.), at hours as assigned. Three hours of collegiate credit. Open to Seniors and Graduates and to Juniors who have completed at least one semester of psychology.

11. PAIDOLOGY (PRENATALITY).—This study will include the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. The works consulted are such as Minot's *Embryology*, Bateson's *Method and Scope of Genetics*, Davenport's *Race Improvement through Eugenics*, Heisler's *Text-book of Embryology* Thompson's *Heredity*, Marshall's *Physiology of Reproduction*, and Kellicott's *Social Direction of Human Evolution*. First semester; recitations 10:30 Monday, Wednesday; studies on children 3 hrs. per week (2500 min.), at hours as assigned. Three hours of collegiate credit. Open to Seniors and to Graduates and to Juniors who have completed at least one year of paidology.

12. PSYCHOLOGY (ABNORMAL).—A study of mental disorders, as insanity and degeneracy, and of abnormal phenomena, as hallucinations, hypnoses, speech defects, etc. Clinics

are held at the State Hospital for the Insane, located at this place. The students in this course in connection with those in abnormal Paidology have visited The State Institution for Feeble Minded, The State School for the Blind, The State School for the Deaf, and the State Hospital for the Insane, all located at Columbus; The State Hospital for Epileptics, at Gallipolis; The State Girls' Industrial Home, at Delaware; The State Boys' Industrial School, at Lancaster; The State Hospital for the Insane, and the Athens County Children's Home, both located at Athens; The Athens County Infirmary, at Chauncey; and the Juvenile Court of Franklin County' at Columbus. Such works are consulted as Störning's *Mental Pathology in Its Relation to Normal Psychology*, Janet's *Major Symptoms of Hysteria*, Church and Peterson's *Nervous and Mental Disorders*, Jastrow's *The Subconscious*, Ellis's *The World of Dreams*, and Tanner's *Studies in Spiritism*. Second semester; recitations 10:30 Tuesday, Thursday; clinics at the Athens State Hospital for the Insane at 3:00 on Fridays; visitations to institutions on Saturdays. Three hours of collegiate credit. Open to Seniors and to Graduates and to Juniors who have completed at least one year of psychology.

13. PAIDOMETRY—In this course it is purposed to study the growth and physical development of children. Among the works consulted will be Rowe's *Physical Nature of the Child*, Hasting's *Manual of Physical Measurements of Boys and Girls*, Gulick and Ayres's *Medical Inspection of Schools*, Tyler's *Growth and Education*, Whipple's *Manual of Mental and Physical Tests*, and Lovett's *Lateral Curvature of the Spine and round Shoulders*. Second semester; recitations 10:30 Monday, Wednesday; laboratory 3 hrs. per week (2500 min.), one hour at 3:00 and the others assigned. Three hours of collegiate credit. Open to Seniors and to Graduates and to Juniors who have completed at least one year of paidology.

14. THESIS WORK—Students who may elect to work out their senior theses in this department must have had sufficient work in paidology and psychology to acquaint them with various phases of paidological and psychological phenomena, at least two years completed in the department by the close of the senior year, exclusive of the thesis. Also under the rules of the Uni-

versity thesis work must be determined upon, and the head of the department in which the work is to be done consulted, before the opening of the first semester, and the work is to continue throughout the year. Those desiring thesis work in this department and who are ready for it will be given such subjects as may be suited to their acquirements and tastes. Throughout the year; 2 hrs. per week (4000 min.), at such hours as assigned. Three hours of collegiate credit.

III. COURSES FOR GRADUATES

This University offers graduate work for the master's degree only and for that a year of resident work is required. The requirements are for a major subject and two minor subjects, with a thesis in the major department. In this department, either a minor or the major subject may be elected from the courses under II above (Courses for Advanced Undergraduates or Graduates) or from the courses below, as may be determined upon by the head of the department after consultation with the candidate. The courses below will be given on Saturdays if there is a demand for them.

15. **PSYCHOLOGY (ADVANCED)**—This will be a laboratory and seminary course. Readings from books, periodicals, and the like, will be used for the seminary work. The laboratory work will be of an experimental nature and selected for use in this course. Throughout the year, recitations and laboratory at such hours as may be arranged for. Three hours of advanced credit each semester. Open only to graduates.

16. **PAIDODOLOGY (ADVANCED)**—This will be a laboratory and seminary course. Readings from books, periodicals, and the like, will be used for the seminary work. Lines of investigation of children in the laboratory and child life in the field will be carried on and results formulated. Throughout the year, recitations and laboratory and field work at times as may be arranged for. Three hours of advanced credit each semester. Open only to graduates.

17. **THESIS WORK**—A graduate student who may elect his major subject for the master's degree in paidology or psychology will choose some theme in which he is interested and pre-

pared to follow out to some conclusions of profit. Facilities for working on such a problem will be afforded one who is ready to carry on such investigations.

V. COURSES FOR THE SUMMER SCHOOL

PAIDODOGY (CHILDHOOD).—This course includes the period of child life from about three years of age till near ten years of age, children as found in the primary grades and the Kindergarten. The general characteristics of childhood, diseases of this period, the senses, mental and physical development, care of children, etc., are studied. Also observations and studies of children are carried on in the field and in the laboratory. Recitations, 7:00, five days a week. Laboratory at hours assigned. Two hours of collegiate credit. Open to all.

PSYCHOLOGY (INTRODUCTORY). The aim of this course is to give an outline of the subject in order to acquaint the student with the phenomena and laws of mental life. Besides the class-room work there will be given laboratory work in simple experimentation. The text-book will be Pillsbury's *Essentials of Psychology*. Recitations, 7:50, five days a week. Laboratory at hours assigned. Two hours of collegiate credit. Open to all.

PAIDODOGY (BOYGIRLHOOD).—This course covers the period from about ten years of age till near fifteen years of age, including boys and girls as found in the grammar grades and the lower high-school grades. Attention is directed to the remarkable growth and the changes that take place and to the conditions, etc., of this time of life. Also observations and studies of boys and girls are carried on in the field and in the laboratory. Recitations, 9:00, five days a week. Laboratory at hours as assigned. Two hours of collegiate credit. Open to all.

PSYCHOLOGY (EXPERIMENTAL).—This is the beginning course offered for those who may want more advanced work in psychology than of the introductory course. The work in both class-room and laboratory will be of a more advanced nature than in the introductory course. The text-book will be Titchener's

Text-book of Psychology. Recitations, 9:50, five days a week. Laboratory at hours as assigned. Open to all.

PAIDOLGY)EXCEPTIONAL CHILD)—Under the exceptional child are included children not of normal type. Among such children are found the dull, the backward, those with speech defects, anemic children, children with defective sight children with adenoid growths, defective hearing children, children with physical deformities, children with moral defections, and also may be placed here the precocious and the exceptionally bright children. The work will be carried on in class and field and laboratory. Recitations, 10:40, five days a week, laboratory at hours as assigned. Two hours of collegiate credit. Open to all.

DEPARTMENT OF MATHEMATICS

PROFESSOR MILLS

I. ARITHMETIC—The course in Arithmetic comprises the work of two semesters, but only the second semester is required of high school graduates unless it should appear that they are in special need of both. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. The text-book used in the first term's work is Milne's *Practical Arithmetic*, and the work in this book is completed to the subject of Partial Payments. Ray's *Higher Arithmetic* is the text-book for the second term's work. Much material is chosen from Mills's *Arithmetic Analysis*, and other widely used texts. The subjects especially emphasized in this semester's work are the following applications of Percentage: Profit and Loss, Interest True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept

constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

2. ALGEBRA—Wells's *Secondary Algebra* is the text for the first semester, and is completed through factoring. Fisher and Schwatt's *Higher Algebra* is the text for the second semester and is completed to Harmonical Progression.

3. PLANE GEOMETRY—Lyman's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

4. SOLID GEOMETRY—Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions in planes and solid angles, polyhedrons and the sphere, with a great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

5. DESCRIPTIVE ASTRONOMY—One semester's work is devoted to this subject. A text-book is used, but topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principle stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

NOTE—For the course in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each semester.

NORMAL ART DEPARTMENTMISS BRISON, *Head of Department*MISS EDWARDS, *Instructor*MISS PATTERSON, *Assistant*

Drawing and Hand Work have obtained their present place in public-school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. The manual arts should be taught for the sake of the individual student; and his needs should form the basis of the course of study.

In the following courses the work and exercises will be given with this in view, that the student may not only learn how to do the work himself, but how it should be taught to children.

In the art courses, pencil, charcoal, colored crayons, water colors, oil colors, India ink, etc., are included in the materials used. It is thought best to have the student familiarize himself with all of these mediums, as their use varies in the different public schools.

FIRST SEMESTER

1. SCHOOL DRAWING—One hour. Freshman required. Object drawing, elementary applied design, and some mechanical drawing.

3. HAND WORK—Two hours. Required. A course in cardboard construction, knife work, clay modeling, weaving, raffia and reed work planned for primary and intermediate grades, but suggestive for a course for higher grades is given in each semester.

4. BOOKBINDING—Two hours. Elective.

SECOND SEMESTER

2. SCHOOL DRAWING—One hour. Freshman required.

Theory of color, perspective and methods of teaching drawing. Type problems for public schools will be worked out and provision made for observation in the Training School.

3. **HAND WORK**—Two hours. Required. Same as in first semester.

5. **APPLIED DESIGN**—Two hours. Required in the course in Home Economics. this course presupposes the student to have had Course I.

6. **ART APPRECIATION**—One hour. Elective. This course takes up art principles and applies them to pictures, interior decorations, architecture, etc.

COURSE FOR DRAWING TEACHERS AND SUPERVISORS

Courses leading to a certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take work in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in Drawing and Elementary Manual Training in Normal College. In most cases the drawing teacher arranges his courses in correlation with the work of the different schools in which he is teaching, therefore he has to be an originator of courses as well as teacher. Hence, it has been found necessary, to require the student to take certain educational subjects or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

FIRST SEMESTER

7. **DESIGN**—Two hours. Required throughout a year. This course deals with pure and applied design, and presupposes the student to have had Courses 1 and 2.

9. **COMPOSITION AND METHODS**—Four hours. Required throughout a year. High-school, elementary, and grammar grade problems will be discussed. Stories and poems will be

illustrated. Landscape, figure and flower composition will be attempted. There will also be sketching from the model and blackboard work.

SECOND SEMESTER

8. DESIGN—Two hours. See Course 7.

10. COMPOSITION AND METHODS—Four hours. See Course 9.

FREE-HAND DRAWING—See courses in drawing and Painting in the College of Liberal Arts.

MECHANICAL DRAWING—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College courses leading to a degree may take the drawing course as elective, obtaining a diploma in school drawing as well as a degree at the end of the four-year course.

DIPLOMA COURSES—Courses for supervisors and teachers in public-school drawing are outlined in detail in the statements of the various courses in the Normal College, on another page.

PUBLIC SCHOOL MUSIC

MISS LISTON, *Instructor*

THE AIM of this Department is two-fold. First—a general study of the rudiments of music, for grade teachers. This work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of Music to be able to carry on the work intelligently under the instruction of a Supervisor, or, if necessary, to give such direction himself.

One year's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public-school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching.

All students completing this course will receive a Special Diploma. Sufficient time to earn this Diploma is given, and admission is based upon graduation from a high-school of the first grade or equivalent scholarship. Students entering without equivalent scholarship may take work in the Preparatory School.

For those without knowledge of music, two years will be necessary to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department towards the completing of this Special Course.

1. NOTATION—Practice in rapid blackboard work in the writing of musical signs, and in a knowledge of their use.

2. SIGHT SINGING—Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression.

3. EAR TRAINING—Systematically graded exercise to quicken the musical hearing. Oral and written reproduction of melodies in all keys.

4. CHORUS—A series of practical lessons in the study of material suitable for use in High-School and Upper Grammar Grades. The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

5. ADVANCED SIGHT SINGING—A class for those who are to become Supervisors of Music. A study of the different music system in common use is taken up in this class.

6. METHODS—Principles of education as applied to the teaching of music. Courses of study planned, for all grades from First Year through the High-School. Special study of the voice. Study of Song material suited to the various years of school life. Rote Songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games.

7. OBSERVATION AND TEACHING—180 hours teaching and observation are required for this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisor. As soon as students are prepared they begin teaching in the Training Schools, and

as they acquire skill in teaching music in all the grades under supervisions, they become experienced teachers of Public School Music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

ENGLISH LITERATURE AND COMPOSITION

PROFESSOR WILSON

MISS KALER

1. COMPOSITION—TEACHERS' COURSE—Extensive practice in writing themes. A study is made of Narration and Exposition. Methods of teaching composition are discussed. Two hours, first semester. Several sections.

2. COMPOSITION—TEACHERS' COURSE—A continuation of Course 1. A study of Description. Argumentation, and the Story. Two hours, second semester.

3. LITERATURE FOR THE PRIMARY GRADES—A study of representative myths, fables, folk-lore, fairy tales, and of two great epics. The purpose of the course is to deal with source material. Method work. Two hours, second semester. Course 1 must precede Course 3.

4. LITERATURE FOR THE GRAMMAR GRADES—A study of the folk-lore suitable for these grades. Much material is selected from the Arthurian and Nibelungen cycles. Selections in prose and poetry from English and American writers. Two hours, second semester. Course 1 must precede Course 4.

5. AMERICAN POETRY FROM 1811 TO 1890—This course is based upon the material given in Page's *The Chief American Poets*. Discussions and written work. Two hours. First semester. Course 1 must precede Course 5.

6. ENGLISH POETRY FROM 1798 TO 1896—This course will largely follow the poetry selected in Page's *British Poets of the Nineteenth Century*. Three hours, Second semester. Course 1 must precede Course 6.

7. ENGLISH DRAMA FROM 1508 TO 1642—A study of many of the minor Elizabethan dramatists and some of the greater

contemporaries of Shakespeare. The development of the drama is emphasized. Library work; reports and discussions. Open to juniors and seniors. Three hours. Second semester, Elective.

8. THE POETRY OF MILTON—In addition to a study of the poetry, there will be collateral reading assigned in Milton's prose and on questions of contemporaneous history. Elective; open to juniors and seniors. Two hours. First semester. Given in 1914.

9. THE ENGLISH ESSAY—Its origin and development. A study of the representative essayists. Elective. Two hours, second semester. Open to upper classmen.

10. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY—Prose writers of the Queen Anne age. A study of the different movements of the period. Selections in poetry and prose. Elective; open to juniors and seniors. Two hours, second semester.

11. LITERARY HISTORY OF AMERICA—A study of American prose writers. Its development and trend will be followed. Library work and discussions. Elective; open to juniors and seniors. First semester. Two hours.

CIVIC BIOLOGY AND BOTANY

PROFESSOR WILLIAM A. MATHENY

The work in this department is as follows:

FIRST SEMESTER	SECOND SEMESTER
1. First Year Botany..... 3	6. First Year Botany..... 3
2. Ecology..... 2	7. Plant Histology..... 2
3. Plant Pathology..... 2	8. Plant Pathology..... 2
4. Civic Biology (Sec. 1)..... 3	9. College Botany..... 3
5. Civic Biology (Sec. 2)..... 3	10. Civic Biology..... 3

In all these studies the idea of civic and community welfare is place foremost. The practical and human interest side of these sciences is strongly emphasized with the aim of best serving the needs of the teacher and of citizenship in general.

THE LABORATORY AND FIELD METHODS of study will be followed almost entirely. For this purpose ample apparatus and a school garden have been provided. Attention will be

given to the planning and construction of simple apparatus whereby important natural laws can be demonstrated in an inexpensive manner.

1. FIRST YEAR BOTANY—This course will run throughout the year and is required in all courses. It will be a consideration of plants in their practical relation to every-day life, and will be especially adapted to the needs of teachers. In the Fall and Spring, work in the school garden will be required. *Practical Botany* by Bergen and Caldwell is the text. One recitation and two laboratory periods per week.

2. ECOLOGY—A study of plants as they are related to their environment. *Ecology* by Coulter, Barnes and Cowles will be the text. Two hours.

3, 8. PLANT PATHOLOGY—Plant diseases as they affect farm crops, gardening, orchards, etc. will receive extended attention in this course. *Fungus Diseases of Plants* by Duggar will be the text used. Two hours.

4, 5, 10. CIVIC BIOLOGY—This is a study devoted to the every-day problems presented to us by the living forces in nature. Modern Biology is rapidly extending its influence into all avenues of human activities and national life. This branch, Civic Biology, aims to reach the common schools and community life through the agency of the teacher. While evolution is not lost sight of in this work, it is by no means placed foremost, neither is it intended to train specialists. The course centers about the child, the home, and state in their most common relations to living nature. Required in Normal College courses. Three hours.

7. PLANT HISTOLOGY—A laboratory course in the microscopic anatomy of plants. *Plant Histology* by Chamberlain will be used. Two hours.

9, 10. COLLEGE BOTANY—Plant Morphology and Physiology will be taken up in this course. It will be a study in plant evolution with special reference to the algae and the fungi. Required in the Agriculture Course and is optional with Zoölogy in the College of Liberal Arts. Three hours.

AGRICULTURE

PROFESSOR W. F. COPELAND

ASSISTANT PROFESSOR O. E. DUNLAP

Summary of Courses in School Agriculture

Course.	Subject.	Semester.	Total Year. credit.
1.	General Agriculture.....	First or Second.....	Fresh 3
2.	Horticulture....	First.....	Fresh 3
2.	Horticulture.....	Second.....	Fresh 2
3.	Soils... ..	First and Second....	Soph 4
4.	Forestry.....	First and Second....	Fresh 4
5.	Form Animals.....	First	Soph 3
6.	Form Crops.....	Second.....	Soph 3
7.	Evolution and Heredity	First.....	Soph 3
8.	Rural Economics or Commercial Law.....	Second.....	Soph 3
9.	Home Gardening and Floricul- ture.....	Second, Elective.....	3

THE DEPARTMENT OF AGRICULTURE was established in June, 1911. Previous to that time instruction in agriculture was given in the Department of Elementary Science. Courses had been given for three years and the increasing demand for such work justified a new department. The primary purpose is to equip teachers for giving instruction in agriculture in the public schools. On account of present conditions it is necessary to modify this aim to some extent and give lessons regarding subject matter as well. The department is being equipped with modern apparatus whereby important lessons can be demonstrated. Provisions are made for enlarging this equipment as fast as is advisable for efficient work. In the laboratory, students are instructed in seed testing, soil studies, a study of plant life under laboratory conditions, farm plans, machines, and the use of the more common and practical pieces of agricultural apparatus. Such studies are planned for the winter season. During the summer season as far as possible lessons will be demonstrated in the field where plants and animals are living under ordinary conditions. The department has an excellent agricultural library and a new greenhouse for indoor work.

Provisions is now made for a two-year course, at the completion of which students are granted a diploma in School Agriculture. A summary of this course is given above and a complete outline by semesters elsewhere in this catalogue.

COURSE I. GENERAL AGRICULTURE—This is a two-hour course during the first semester and a three-hour course during the second semester. Work is conducted on the laboratory and recitation plan. For demonstration use is made of the common garden, field and orchard crops. Other features of the farm and farm-life will receive equal consideration. Credit, two hours for the first semester and three hours for the second.

COURSE II. HORTICULTURE—This is a three-hour course for the first semester and a two-hour course during the second semester. Total credit, five hours. The lectures, recitations and reports will aim to give a general view of the subject. During favorable weather the laboratory work will be done in the field.

COURSE III. SOILS—Soils will be studied both in the field and in laboratory, chemically and physically. This is a laboratory course and will meet twice each week for two periods. Credit two hours per semester.

COURSE IV. FORESTRY—This course aims to give students a knowledge of forest conditions, their distribution, and the possibilities in tree planting. As far as possible this is done out in the field where the importance of trees can be considered as soil-makers, wind-breakers, and money-makers. Both the economic and æsthetic values will be considered. Emphasis is placed on the value of Forestry as a school study. This is a two-hour course consisting of two field lessons per week. It is offered the first and second semester of the Sophomore year. Credit, two hours per semester.

COURSE V. FARM ANIMALS—This course is planned to give students a knowledge of the most important farm animals of the different types, and elementary lesson in feeding, balanced rations, and judging. As far as possible the animal studied will be examined by the student. One lecture and two field trips per week during the first semester. Credit, three semester hours.

COURSE VI. FARM CROPS—This course is offered during the second semester. Credit, three hours. Studies are made of field selection, crop rotation, seed selection, and artificial fertilizers. One lecture and two field lessons per week.

COURSE VII. EVOLUTION AND HEREDITY—This is the course formerly offered during the winter term. It is now scheduled for the first semester of the Sophomore year. The plan of the work is to consider a few of the prominent theories of Evolution or Heredity or both; especially those of interest to animal and plant breeders. This course presupposes some knowledge of botany and zoölogy. Three recitations per week during the first semester of the Sophomore year.

COURSE VIII. RURAL ECONOMICS—Students taking the two-year course in agriculture are allowed to substitute commercial law for course VIII. The aim of this study is to consider some of the important farm problems, such as wages, rent, labor, land, marketing, crops, and their related problems. Some time will be devoted to the possibilities of the small farm, the large farm, intensive and extensive culture, and also to consider to what extent farm operations can be foretold and directed according to a farm plan. The class will meet for three recitations per week during the second semester of the Sophomore year.

COURSE IX. HOME GARDENING AND FLORICULTURE—The aim of this course is to give the student a practical knowledge of the propagation and culture of plants usually grown in the vegetable and flower garden. Attention is given to insect pests and fungus diseases, and the means by which they are controlled. A modern green house will be used for the early propagation of plants. This course is recommended for students in Home Economics and may be substituted for one semester of General Agriculture. One recitation and two laboratory periods per week during Second Semester. Credit, three semester hours.

DIPLOMA COURSE IN SCHOOL AGRICULTURE**FRESHMAN YEAR****FIRST SEMESTER**

General Agriculture.....	2
Horticulture.....	3
Forestry.....	2
Civic Biology.....	3
Rural School Didactics.....	3
Domestic Science or Manual Training.....	2

SECOND SEMESTER

General Agriculture.....	3
Horticulture.....	2
Forestry.....	2
Civic Biology.....	3
Zoology or Botany.....	3
Principles of Education.....	3

SOPHOMORE YEAR

Soils.....	2
Chemistry.....	3
Evolution and Heredity.....	3
Farm Animals.....	3
Botany.....	2
History of Industrial Education	2

Soils.....	2
Chemistry.....	3
Rural Economics or Comp'l Law.	3
Farm Crops.....	3
Botany.....	2
Electives.....	4

Electives to be made from the following subjects:

PROFESSIONAL STUDIES—School Administration and School Law, History of Education, Science of Education, Ethics, Secondary Course of Study, Psychology, Logic, Paidology, Supervision and Criticism, Sociology, Teaching,

OR—Agricultural Chemistry, Farm Accounts, Advanced Botany, Vertebrate Zoology, Physiography, Soils, Geology, Cement, Domestic Science, Manual Training.

Note—Students desiring to obtain the special state life certificate in Agriculture will need a total of 30 semester hours in professional subjects, which they may do by taking 12 hours additional to the course as outlined or by making substitutions in the course, subject to the approval of the Dean of the College and the head of this department.

RURAL TRAINING DEPARTMENT

PROFESSOR RICHESON, *Supervisor*

The work in this department is designed to meet the needs of the rural teacher.

1. RURAL SCHOOL DIDACTICS—A course in Rural School Didactics is given, in which are discussed the proper attitude of the teacher towards the profession, the proper training for teachers, the relation that the school and the home bear to each other, the means of securing the best results in the school-room, the correlation of subjects, the proper combination of classes, the methods and need of supervision, the consolidation of weak Schools, and the best methods of instruction to be employed in the rural schools.

2. RURAL SCHOOL COURSE OF STUDY—Following the subject of methods as presented in the class in Rural School Didactics as shown above will be given a course in Rural School Course of Study in which a number of practical courses of study will be studied, together with a study of the Report of the Committee of Twelve. It will be the aim of this class to develop for itself a practical course of study, designed especially for use in the rural school.

3. RURAL SCHOOL SUPERVISION—Perhaps no other phase of school work is receiving more public attention at the present time than that of *Rural School Supervision*. The demand for superintendents, who are trained for the work, will no doubt be far in excess of the supply, and it will be of help to those interested in the rural schools to make preparation for this line of work.

A course in *Rural School Supervision* will be offered in each of the semesters of the year 1914-1915. Every phase of the work of Rural Supervision will be studied and special reading along this line will be required. Practically every work on rural schools and closely related subjects will be found in the library.

The class will recite twice each week and collegiate credit will be given.

Classes in Rural School Didactics and in the Rural School Course of Study will be organized about the middle of the second semester to accommodate those coming in after the close of their schools.

The department has in operation a first-class model rural school in which the work as taught in the class-room is exemplified in actual work. This model school is so located that it can be reached in a very few minutes by those taking this course.

Almost one-half of the 27,000 teachers employed in the public schools of Ohio are engaged in teaching rural schools or in small village schools where a close system of classification into grades by years is impossible. The State Normal College has made ample provision for the training of teachers for these schools and has recognized the essential differentiation in the function and needs of such schools as compared with those of cities and the large towns. The course for rural teachers makes ample provision for Observation and Practice in the Training School established for the special purpose of training rural teachers. In this Training School, divided into three rooms, are to be found in the eight grades. Each room is presided over by a skilled teacher who is a graduate of the State Normal College and who has had several years of successful experience in teaching. Over these three critic teachers is an experienced supervisor, a graduate of the State Normal College, with the bachelor's degree, who teaches professional and academic subjects in the State Normal College.

THE TWO YEAR COURSE provided for rural teachers does not require graduation for a four-year high school as a prerequisite for admission. However, no diploma under the Hawkins Law can be granted for the completion of this course. For this reason, provision will be made for graduates of four-year high school course to take the regular two-year course in elementary education, in which the special courses in Rural Methods, Observations and Practice, and Rural School Course of Study will be substituted for courses in similar subjects required in that course. Then the graduate from the Rural School Course will be granted a diploma which will have the same value and receive the same recognition as a diploma issued on com-

pletion of the two-year course for elementary teachers. We strongly urge high-school graduates to take this course, for the rural schools of Ohio are very much in need of teachers who have received training equal to the training required of teachers for the town and cities. Students who have completed the work of the first year of the course as outlined on another page, will be permitted and required to teach in the Rural Training School.

DEPARTMENT OF GEOGRAPHY

PROFESSOR RICHESON

THE COURSE in Physiography will be research work entirely. It will be the aim of this course to develop the subject in a logical manner, taking up such parts of Physical Geography as are essential to the study of Political and Commercial Geography, after which the topical method of developing these phases of the subject will be pursued. This work will also be devoted, in part, to the study of methods.

In Physical Geography, no efforts will be made to encourage the memorizing of the work, but no pains will be spared to develop the thought. In this course, besides the work of the regular text, there will be required research work, field trips, laboratory exercises, and drawings.

The Political Geography will be especially designed to meet the needs of those expecting to take the teachers' examinations. This work will be comprehensive, thorough, and of permanent value. More attention will be given to geographical and industrial development than to locative geography, although this phase of the subject will not be neglected.

A class in Political Geography will be organized about the middle of the second semester to accommodate teachers coming in after the close of their schools.

DEPARTMENT OF HISTORY AND GOVERNMENT

PROFESSOR THOMAS N. HOOVER

Asst. Professor, EVAN J. JONES

FIRST SEMESTER

- 1a. American History, collegiate, 3 hours.
- 2a. Advanced American Government, collegiate, 2 hours.
- 3a. Constitutional History, collegiate, 2 hours.
- 4a. Government of England, collegiate, 2 hours.
- 5a. American Statesmen, collegiate, 2 hours.

SECOND SEMESTER

- 1b. American History, collegiate, 3 hours.
- 2b. Advanced American Government, collegiate, 2 hours.
- 3b. Constitutional Law, collegiate, 2 hours.
- 4b. Methods in History, collegiate, 2 hours.

DESCRIPTION OF THE COURSES—Courses 1a and 1b offer a thorough course in the history of our own country, The usual college method is used—lectures, reference work, papers, and term thesis. The guides to the courses will be the *Manual*, and the *Epoch* Series. These courses are open to all students in any department of the University excepting preparatory.

Courses 2a and 2b offer a thorough study of the actual workings of our government—National, State, and Local. The *Manual* and Hart's *Actual Government* will be used as guides.

Course 3a is a study of the making and the ratifying of the Federal Constitution. Sources are investigated and the students report on their topics investigated.

Course 3b is carried on by the text and case method. All the leading cases bearing on the subjects are abstracted. Willoughby's *Constitutional Law* is the guide.

Course 4a deals with the present actual Government of England—National, Local, and the Empire. Lowell's *Government of England* is used as a guide.

Course 4b is specially intended for those students who desire to teach history or government.

Course 3a and 4a, 3b and 4b may be given alternate years.

Course 5a is a study of the lives of the leading Americans.

1. HISTORY OF GREECE—Lectures, outside readings, and recitations. This course deals principally with the growth of Athenian democratic institutions in relation to and in comparison with our own modern institutions. The *Epoch* series and other standard works will be used. PROFESSOR JONES. Three hours of college credit.

2. HISTORY OF ROME—A course dealing with the overthrow of monarchy, the struggle for political equality, the expansion of the republic, the rise and fall of the empire, and the introduction of Christianity. The arts, letters, and social condition will be studied in their respective periods. Seignobos's *History of the Roman People* is the text. Three hours of college credit. PROFESSOR JONES.

3. UNITED STATES HISTORY—Review course for teachers. Commences April 27. Intended to help those teaching or those preparing for a teachers' examination. PROFESSOR JONES.

THE KINDERGARTEN SCHOOL OF THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY

CONSTANCE T. MCLEOD, *Principal*

KATE DOVER, *Instructor*

This school offers a training to young women who desire to prepare themselves for professional work as kindergarteners.

It gives opportunities also for those who do not intend to become teachers, but desire this course as a means of general culture or as an aid in following other lines of work.

The Kindergarten School is an integral part of the University, so that in addition to the training in Kindergarten education, students receive instruction in other departments of the institution. As a part of the regular work in the Kindergarten School, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work.

Second year students attend the meetings of the Kindergarten Mothers' Association which are held once a month and so gain an insight into the organization and conducting of such meetings.

The course offered is two years in length, and leads to the diploma in Kindergarten Education. This course is given in detail on another page.

REQUIREMENTS FOR ADMISSION—Graduation from a first-class high-school or equivalent scholarship.

The course is as follows:

FIRST YEAR

First Semester—Mother Play, 1; Gifts, 2; Occupations, 1.

Second Semester—Mother Play, 2; Gifts, 1; Occupations, 1.

SECOND YEAR

First Semester—Mother Play, 2; Gifts, 2; Occupations, $\frac{1}{2}$; Program Construction, $\frac{1}{2}$.

Second Semester—Mother Play, 1; Stories, $\frac{1}{2}$; Education of Man, $\frac{1}{2}$; Program Construction, 1; Games, 1.

KINDERGARTEN THEORY AND ACTIVITIES—Under the head of Kindergarten Theory and Activities are included all those subjects which pertain especially to Kindergarten education.

FROEBEL'S *Mother Play*—A study of this work with reference to other writings of Froebel. Educational laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES—A study of typical stories and of the principles governing their selection, with practice in story telling.

GIFTS AND OCCUPATIONS—Theory and Practice in use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand work.

RHYTHM, SONGS, AND GAMES—A study of these with the principles underlying them.

OBSERVATION AND PRACTICE TEACHING—In the Kindergarten and also observation in the Primary School, both under supervision.

In connection with the observation and practice teaching in the Kindergarten a class is held one period a week for the dis-

cussion of the different parts of the daily work in the Kindergarten.

Observation in the Primary School and work in Primary Methods is limited to work done in the First and Second Grades.

In order to accommodate teachers who wish to gain an insight into Kindergarten theory and practice, a beginning class will be organized about the middle of the second semester if five or more students request it at that time.

DEPARTMENT OF HOME ECONOMICS

ELIZABETH H. BOHN, *Director*

MARGARET FARNAM, *Domestic Art*

ALICE SMITH *Domestic Science*

MARY O'DELL, *Home Nursing*

DOMESTIC SCIENCE AND DOMESTIC ART are the various terms that are applied to the lines of work here grouped under *Home Economics*. The term is not satisfactory, but is used because it is the one often used and more generally understood to include the full range of subjects than the others. The scope of the subject matter here outlined covers the following points: Foods and their uses, cooking, general science, sewing, textiles, drawing and house decoration, home nursing and emergencies, household management and professional subjects.

THE DEPARTMENT OF HOME ECONOMICS is housed in Central Building on the second floor. When this course was opened a modern residence was purchased and fully equipped for carrying on the work that especially pertained to household problems. Two kitchens, a laboratory, pantry, ice room and dining room afford opportunity for practice in the preparation of various kinds of food.

The Domestic Art department occupies two rooms. One large and well lighted sewing room and adjoining this is a well equipped fitting room. The lecture and recitation rooms are equipped with various household appliances.

The course as outlined is designed to fit those pursuing it to teach this subject in the elementary and secondary schools.

While it recognizes that a knowledge of the theory is essential to those who are preparing themselves for this work, it emphasizes also the practical side as very important. Practical work is given in cooking and sewing, sufficient to make the young woman skillful in her work and give her a good opportunity for instructing others.

This course is of a kind that it is practically necessary to begin the same at the opening of the first semester and continue it regularly throughout the two years. Certain subjects are elective but the entire course is compulsory for all who intend to specialize with a view to teaching the work.

REQUIREMENT—Graduation from high-school or fifteen units of preparatory work.

FEES—Fees to partially cover cost of materials are charged. See each course.

SEWING—Two consecutive hours twice a week throughout the course. Credit, two hours. Fee, \$1.50 each semester.

SEWING I—This course is offered the first semester. It includes the various stitches on canvas, hems and hemming; ruffles and bands; darning stockinet and cloth; patching, flannel work; buttonholes; sewing on of buttons, hooks and eyes; making of eyelets, seam, placket and gusset work; also models illustrating the use of emproideries and laces in white work. Machine models.

Courses in sewing for elementary schools are considered and methods of presenting the work are discussed.

SEWING II—This course is offered the second semester. For those in the regular course, model sewing is a requirement. Students in other courses may elect this work. This course includes both hand and machine sewing. The practical work covers the designing and drafting of patterns, cutting and making of a four-piece set of undergarments—and the care and manipulation of machines and attachments, as hemmer, gauge, tucker and ruffler. Materials and trimmings suitable for undergarments, the comparative cost of each, and amounts necessary are considered.

SEWING III—Requirement, Sewing II. The purpose of this course is to teach the principles of dressmaking, the taking of accurate measurements, the use of a drafting system by which

patterns are designed and made, the designing of ordinary garments, the choosing and economical cutting of materials. The aim also is to develop neatness, accuracy, and originality. The practical work consists in the making of a tailored waist, tailored cotton shirt, and wool dress.

SEWING IV—Requirement, Sewing III and IV. This course is a continuation of Sewing III. It includes the making of a woolen or silk waist, gingham dress and a thin fancy dress, illustrating different ways of using embroidery or lace. Both drafted and purchased patterns are used.

TEXTILES V—Two hours for the first twelve weeks of the second semester of the freshman year. Credit one hour. The purpose of this course is to give a practical understanding of the various textile fibers and processes of their manufacture that shall lead to judgment and taste in selections suited in wearing quality, adaptability, permanence of color, and harmony of design to the particular use for which they are intended.

MILLINERY VI—Designing, trimming, decoration—a study of system and harmony applied to millinery—a practical course which may lead one to specialize in this field, developing power of invention—economy and the utilization of materials by renovation—distinction and individuality is the product secured by the making of flowers and ornaments and other details.

OUTLINE OF COURSE

I. Wire Work for Fall Millinery.

Bandeaux, sticks, buckles, frames.

Design of shape of hat; handling the wire; cutting, fitting, and fastening.

II. Tinting and Renovating Materials.

Gasoline and oil paints and dyeing; selection and use of colors.

III. Bow Making.

Tissue paper bows, even and uneven loops, rosettes.

Use of silk ribbon.

IV. Millinery Stitches.

Slip, catch, saddlers', lacing.

V. Plaitings.

Box, single, double, rose.

Handling of a variety of materials; determination of color harmonies.

VI. Folds.

Milliners', French.

VII. Buckram Frame.

Designing of hat; shaping the material to suit prevailing styles; finishing the frame.

Covering, trimming, lining.

VIII. Street Hat for Spring Millinery.

Wire frame, covering, straw sewing, trimming; finishing the hat.

ART NEEDLE WORK VII—Aims to give essentials of good design as applied to art needlework—to apply this knowledge to articles of use, either clothing or house furnishing—to develop taste, skill, neatness, accuracy, and good judgment in work—to show the arrangement and development of the subject—to show its use in public school classes—to give methods of presentation.

OUTLINE OF COURSE

I Crocheting.

Stitches:—chain, slip, single crochet, double crochet, and triple crochet.

Mat:—method of widening; individual problem:—making article from printed directions.

II Knitting.

Casting on stitches; plain and plural stitches; binding off.

III Ornamental Darning.

Design planned by student; transferring designs; darning stitch; outlining design.

VI Applique.

Study of suitable materials, design, and color combinations in house furnishing.

Cutting of design; applying design to background; couching stitch; finishing articles.

V Cross Stitch.

Methods of working coarsely woven materials; over canvas; appearance of right and wrong sides; removing canvas; suitable materials and study of design.

VI Hemstitching and Sweedish Weaving.

Materials; measuring of hem; pulling threads; hemstitching; method of weaving.

VII Scallops.

Materials; design; working, outlining, padding, blanket stitching, cutting out, purling edge.

VIII French Embroidery.

Padding:—German;—running stitch; chain; lily.

Working leaves:—satin stitch; half satin stitch; half seed stitch.

Working dots:—solid; solid with stitching stitch; French knots; past stitch with outline.

Working eyelets:—round: overcast, shaded, and blanket stitching; oval: cutting, overcasting.

Working stems:—outlined; solid, straight, and slanting.

Working initials:—outlining; padding with running stitch, German, chain stitch, satin stitch.

COOKING VIII—Two consecutive hours twice a week throughout the course. Credit, two hours. Fee, \$2.50 each semester. This, course consists of practical work in the preparation, cooking; and serving of the following classes of foods—vegetables, cereals, fruits, starches, batters and doughs, beverages, soups, candies. meats. Special attention is given to the proper methods of work in the kitchen, to cleanliness, neatness, and accuracy of work.

COOKING IX—This course is a continuation of Course VIII, and is planned to apply the principles developed in that course to problems more difficult in manipulation and more complex in combination of food materials.

COOKING X—Continuation of Cooking VIII and IX. Practical work in canning and preserving, in cakes, pastries and preparation and serving of foods for the sick and convalescent. Special stress is laid on dainty and attractive service of foods prepared.

COOKING XI—Continuation of Cooking VIII, IX and X. Practical work in salads, sandwiches and chafing dish cookery hot and cold desserts. Dishes of more complicated nature are taken up in this course. Special attention is given to planning menus and formal services. Practical work is given in serving of breakfast, dinners or luncheons.

FOOD STUDY XII—This is a 3-hour course throughout the first semester. It includes the study of food principles, their source, composition and food value, also a brief study of digestion, digestive juices, and their action. Each food principal is studied as to composition, physical properties, influence on digestion, digestion in the various digestive organs, absorption, circulation, excretion and storage. A complete and systematic study is made of various food stuffs as to source, composition, structure, digestibility, food value, manufacture, cost and preparation. The course consists of lecture and reference work. Food Study runs parallel with Cooking VIII and IX.

HOUSEHOLD MANAGEMENT XIII—Three-hour course through-out the first semester. In this course are considered the problem of house administration with reference to structure, sanitation, furnishing, methods of cleaning; business management of the household, namely: division of income, household accounts including daily and weekly schedule, division of labor, domestic service, social, industrial and ethical relations of the home. Practical work is given in marketing, planning and serving of meals and general care of the house. Lectures on laundry work, cleansing of fabrics, removal of stains, etc., are given in this course. The laboratory work consists of practical laundry work according to methods presented in class. The equipping and care of the laundry are considered.

HOME NURSING XIV—This is a two-hour course for the last six weeks of the second semester. The aim of this course is to teach the care of the sick in the home, to enable one to assist intelligently in the sick-room, and to handle emergencies in the house and elsewhere. It includes the location, care, furnishing and ventilation of the sick-room; the care of the patient, as to feeding, bathing and dressing; application of poultices and bandaging. Text—*Practical Nursing*, by Maxwell and Pope.

DIETETICS XV—This is a three- hour course throughout the second semester. This course deals with the nutritive value, digestibility, and cost of various foods. Dietaries for persons of different ages, under different conditions, and engaged in various occupations are computed.

HISTORY AND ORGANIZATION OF DOMESTIC SCIENCE AND ART XVI—This is a one-hour course throughout the second semester. The origin and growth of domestic science and art, their place in the school curriculum, the correlation of domestic science and art work with other subjects taught in the public schools, the planning of a course of study and its adaptation to conditions existing, equipment and cost, the presentation of the work, and methods of teaching are considered.

APPEAL TO TEACHERS—It is the aim of this Department to to be of immediate service to teachers actually engaged in teaching. The law in Ohio requires a minimum school term of eight months. This brings the most schools to a close the last of April. The courses in Domestic Science and Art are so arranged that most of the work is given in half semesters of nine or ten weeks each. Teachers may therefore enter at the close of their school and find classes just organizing for the last quarter of 8 to 10 weeks. These classes in most case will recite twice as often as classes organized at the beginning of the semester and will therefore be able to do a whole semester's work. Many first semester studies are also repeated at this time to accommodate students who desire to enter for the last quarter.

Needed Uniforms

The regulation dress is a plain, untrimmed, blue chambray, one-piece garment.

The skirts are plain gored; sleeves long or below the elbows with adjustable turned-back white cuffs and white standing or low collar, which may be detachable.

Three or four uniforms will be needed. The goods should be shrunk before using.

If students are not able to secure material desired, it may be had by sending to the Department. The material costs 12½ cents per yard.

Aprons are of *white* material, preferable white percale—a good grade of muslin may be used—made sleeveless, princess style. See Butterick patterns No. 5162 or 4941.

DEPARTMENT OF MANUAL TRAININGG. E. McLAUGHLIN, *Instructor*C. O. WILLIAMSON, *Assistant Instructor*

The interest and demand of the general public upon the public schools of to-day is that their product shall be better equipped for life work, whatever that may be, at the time they leave the public school, and one of the best methods of solving this problem is for the schools to give more time and attention to Manual Training and Industrial Training.

A COURSE IN MANUAL TRAINING was established in the State Normal College in the fall of 1911 in compliance with the earnest demand for teachers of this subject from all parts of the state.

THE WORK IN MANUAL TRAINING is of such a nature that not only those who expect this subject but every teacher or student would find it not only profitable but a pleasure to do some work along this line.

THE SHOPS of the Manual Training department of the State Normal College, occupy two large rooms on the lower floor of Ewing Hall. The wood working room is 60 by 60 feet, well lighted and well suited for our needs. The equipment consists of 20 individual benches fitted with quick acting vises, and each with its necessary individual tools, so that it is rarely necessary for a pupil to leave his bench while class is in session. Also a large number of general tools in cases and wall racks; one 12-inch circular rip and cut-off saw; one 12-inch jointer with safety guard; one 30-inch grind stone. All driven from common counter shaft, which in turn is driven by a five horse-power motor. Ten, eleven by twenty-six inch speed lathes for wood turning driven by a five horse-power motor, shafting underneath lathe, thus eliminating dangers of belting.

One universal wood trimmer, miter saws, and sufficient wood clamps for glue work. Benches for hammered metal work and equipment. Cases for displaying finished work, and sufficient lockers for each student.

The metal working shop is a room 20 by 50 feet well lighted, and well suited for our needs. It contains the following machin-

ery; five thirteen-inch engine lathes, one power hack saw, one twelve-inch force drill, emery grinder, drilling lathe, benches fitted with vises for filing and chipping, dies for pipe cutting and fitting. All machines are driven from counter shaft on floor which in turn is driven by a seven horse-power motor.

DESCRIPTION OF COURSES—The following is a brief outline of the nature of the major portion of the courses taught in this department.

1. ELEMENTARY WOOD WORK I—Two hours. Laboratory (4 hours). This work consists of the more simple processes of tool work, use of knife, try square plane, saw and hammer, the soft woods being used. The models followed will be those generally used in the 6th and 7th grades.

2. ELEMENTARY WOOD WORK II—Two hours. Laboratory. A continuation of No. 1. The students will be expected to plan and outline their own models, and then work them out according to their drawings; in this way students will not only gain an idea of suitable problems for grade work but will have the models future illustration.

3. BENCH WORK—Two hours. Laboratory four hours per week. This work includes the hard woods and the more difficult tool processes. All work will be from models, and will consist of small pieces, such as a clock case, filing box, double frame, book rack or candle stick holder; special attention being given to gluing, fitting, sanding and rubbing.

4. JOINERY—Two hours, laboratory four hours per week. *Elementary Wood Work*, by Selden, will be used as a laboratory guide. Work will consist in making the different joints both in soft and hard wood, special attention being given to neatness and accuracy. The latter part of the term will be given to the application of these joints.

5. WOOD FINISHING—Laboratory, three hours; class, one hour.

This course deals with the different processes of finishing woods, both the theory and the practice. The following methods are studied: stains, water, acid, and oils, fillers, whiting, plaster of Paris and silex, shellac, wax finish, varnish, rubbing, sanding, polishing, refinishing, care of brushes, and containers for stains for varnishes.

6. WOOD TURNING—Laboratory, four hours per week. Exercises in turning given to familiarize the student with wood turning tools, and lathe operations. Each piece bringing a new tool manipulation. These exercises are applied in the making of finished articles in hard wood. The course includes care of lathe and tools, turning between centers, straight taper, curves, beads, face plate and chuck turning, sandpapering and polishing.

7. PATTERN MAKING—Laboratory, three hours; class one hour. This course is designed to give a preliminary study of pattern making and foundry practice. A number of smaller patterns are made and finished ready for moulding. Special attention is given to shrinkage, finishing and core work.

8. CABINET MAKING—Laboratory, four hours. This course is open for those who have had Courses 2 and 3 or equivalent. The work consists of desinging, making drawings and blue prints, different pieces of furniture, one of which must be of difficult construction. The student is expected to get out all stock using the shop equipment. *Elementary Cabinet Work* by Seldon, will be used as a laboratory guide.

9. MACHINE SHOP—Three hours; laboratory, six hours per week. The work includes bench work, chipping and filing, lathe work, straight and taper turning, thread cutting, face plate work, chucking, inside turning, eccentric work, polishing, boring, drilling, shaper work, grinding of tools, and drills, care of lathes, belts and shafting.

10. HISTORY AND ORGANIZATION OF MANUAL TRAINING—Two hours. A study of the educational conditions that led to the Manual Training movement and its development. Part of the work is outside reading with written reports and part is lectures and open discussion of problems that arise in the organizing of the work.

11. CONSTRUCTIVE DESIGN—Two hours. The work consists in designing models suitable for grade and high-school work, special attention being given to proportion. Laying out tentative courses for school work and discussing problems that may arise in the carrying out of these courses.

12. MANUAL TRAINING IN THE TRAINING SCHOOL—Woodwork is required of the boys attending the seventh and

eighth grades of the Normal College Training School. There will be two lessons a week of one hour each.

Teachers taken the Manual Training course have the special advantage of observing the work under a special instructor. Also during their second year they will be required to do practice teaching in wood work.

DEPARTMENT OF THE ART OF TEACHING

PROFESSOR COULTRAP

In this department, earnest effort is made to present in a clear, practical, and helpful way what is fundamental in the art of teaching. Special pains are taken to point out the functions and limitations of various methods. It is increasingly clear that pattern methods have less to do with one's success in teaching than has a clear grasp of the fundamental principles of teaching and a more intelligent and conscientious application of these guiding principles in practice. One special object of the course is to give the teachers guiding ideals in teaching. The more clearly the end to be attained is seen, the greater the inspiring interest and the higher the skill. The various theoretical solutions of problems of teaching as suggested in the course of instruction find practical application in the class-room as a laboratory of method.

PURPOSE OF OBSERVATION—The visits to the several schools or classes are intended to acquaint the student at first hand with the problems of teaching and school management. Through observation in class-work under efficient instructors, the inexperienced student, or even the student of some experience, has an opportunity to define his own educational standards and to enter intelligently into the discussions of the course.

REQUIREMENTS IN OBSERVATION—All classes in secondary education in the State Normal College and in the several departments of the Athens high school are open to students in Observation and Practice, by courtesy of the instructors. The privilege thus afforded should be appreciated. If any student shows himself inconsiderate, he will not be permitted to continue his visits.

THE PURPOSE OF THE REPORTS--The reports are not intended merely to record what the student saw, nor to afford him an opportunity for criticism. In each report the student is expected to name the problems suggested by the work he observed and to discuss as well as he can the solution of these problems. He is expected to have in mind, in his visits, specific questions to which he seeks answers. Definite periods will be fixed for the student to discuss his reports with the head of the department, the object being to correct or to confirm the student's views, supply additional information, and direct him to sources of knowledge or to records of profitable discussion. Each student is required to use note-books in the observation work and to make a summarized report at the close of each semester.

THE PURPOSE OF TEACHING--The teaching under supervision offers direct preparation for efficiency in class-room instruction. The student learns best to teach by teaching. In this preliminary experience, he has the guidance of the head of the department and of the instructors in whose classes his work is done; he thus begins his professional career with the advantage of an opportunity of forming his habits of teaching carefully and intelligently.

GENERAL REQUIREMENTS FOR TEACHING--The student is expected to teach three full hours for three hours of credit; but where there is a large number of students taking the work, it may be necessary during certain periods to substitute observation and class-room assistance for the full responsibility of teaching. In all cases the student is required to attend class three full hours per week during the semester. The obligation of the student-teacher for said periods is exactly the same as that of a regular instructor; that is to say, he must arrive on time, make his lesson plan, take such part as the instructor may direct, and remain to the close of the recitation. This work in teaching is open only to those who have credits for the requisite amount of professional work. Teaching is given in the Senior year.

FIRST SEMESTER

I. **SECONDARY DIDACTICS**--Three hours. Junior required. Scientific method in class teaching and in the study of edu-

cational problems is marked out as the distinctive type of training to be emphasized through this course. Specific difficulties in method will be set before the students, and guidance will be given in finding facts and in working up materials for their solution. Opportunity for gathering data first hand will be afforded through regular observation work in secondary classes of the State Normal College. The text-book used will be De Garmo's *Principles of Secondary Education*.

2. SECONDARY TEACHING—Three hours. Senior required. Students presenting themselves for work in practice teaching must have had a minimum of eighteen hours of work in education including the courses in Secondary Didactics and High School Methods. Exceptions will be made to this rule only in case of graduate students and teachers of approved experience. A major and a minor subject must be chosen by each student, two hours per week being given to the former and one to the latter; all teaching will be done in regular organized classes in secondary subjects and will be under the immediate direction of the regular instructors of these classes but subject to the supervision of the head of the department.

SECOND SEMESTER

3. SECONDARY DIDACTICS—Three hours. Junior required. This is a continuation of course 1.

4. SECONDARY TEACHING—Three hours. Senior required. This is a continuance of course 2. Students will be expected to give one or two hours a week to the major subject selected for the first semester, devoting the remaining time to one or two minors, as they may elect. The reading required covers the best available material on the teaching of the student's specialties.

COURSE OF STUDY
OF THE
STATE NORMAL COLLEGE
OF
OHIO UNIVERSITY

COURSES LEADING TO DIPLOMAS AND DEGREES

IN THE FOLLOWING PAGES may be found an analytical statement of each course. The course for high-school teachers, principals, and superintendents requires 120 semester hours and leads to the degree of Bachelor of Science in Education. The one-year course for college graduates requires 30 semester hours in Education and leads to the degree of Bachelor of Science in Education. All the other courses with but one exception require from 60 to 66 semester hours and lead to special diplomas, which lead to state life certificates, as outlined on a previous page. The one exception is the course for the training of teachers for rural schools, which does not require 15 units of preparatory work for admission, as does each of the other courses.

A total of 10 semester hours in Observation and Teaching, or Didactics and Teaching, is required in each course. The figures following each study indicate the number of semester hours of credit given for each and these numbers usually correspond to the number of recitations of 60 minutes each given in the subject per week.

REQUIREMENTS FOR ADMISSION TO THE STATE
NORMAL COLLEGE

Students may be admitted on examination or on certificate from a recognized high-school. A graduate of a first-grade, or four-year, high-school, is usually able to enter without any

conditions. A graduate of a three-year high-school, is usually given 12 to 14 units; and a graduate from a two-year high-school, 8 to 10 units; as determined by the standard outlined below.

A unit is the equivalent of a course in any given secondary school subject pursued a school year covering not less than 120 hours of 60 minutes each. If the recitations are but 40 minutes in length, 180 recitations are required to make a unit. Usually a high-school subject pursued 32 weeks with five recitations per week is accepted as a unit, but the recitations should be 45 minutes in length. Two hours of laboratory work, manual training, or drawing are required for one hour of credit.

CANDIDATES FOR ADMISSION to the degree courses of the State Normal College must present credentials from high-school or examination covering fifteen unites in recognized secondary subjects, as indicated below:

ENGLISH (select 3 units); Composition and Rhetoric, 2 units; Classics, 1; History of Literature, 1; English Grammar in the Senior Year, $\frac{1}{2}$.

HISTORY (select 1 unit); American History and Civics, 1; Ancient History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; Medieval History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; Modern History, $\frac{1}{3}$, $\frac{1}{2}$, or 1; General History one year, 1 unit; English History, $\frac{1}{3}$, $\frac{1}{2}$, or 1.

MATHEMATICS (select 2 units); Algebra through quadratics 1; Algebra completed, $\frac{1}{2}$; Plane Geometry, 1; Solid Geometry, $\frac{1}{2}$; Plane Trigonometry, $\frac{1}{2}$; Arithmetic following Algebra and Geometry, $\frac{1}{2}$.

FOREIGN LANGUAGES (select 4 in one language or in two); Latin, 2, 3, or 4; Greek, 2, 3, or 4; German, 2, 3, or 4; French, 2, 3, or 4; Spanish, 2, 3, or 4.

SCIENCE (select 1 unit); Physics, 1; Chemistry, 1; Physical Geography, $\frac{1}{2}$ or 1; Botany, $\frac{1}{2}$ or 1; Zoölogy, $\frac{1}{2}$ or 1; Physiology $\frac{1}{2}$; Agriculture, $\frac{1}{2}$ or 1; Domestic Science, $\frac{1}{2}$; Drawing, $\frac{1}{2}$; Manual Training, $\frac{1}{2}$; Commercial Geography, $\frac{1}{2}$. The above schedule names 11 required units; the remainder of 4 units to be selected by the student.

Other subjects are rated on amount and character of work done, as shown by certificate from the high-school. Students should write the Registrar for Application Blanks before entering.

FOREIGN LANGUAGE—If the student has had but four years of one foreign language or two years in each of two foreign languages, he must pursue a foreign language two years in college, but if he can present credits for five years in two foreign languages, he will be required to take but one year of a foreign language in the college course. Additional work in the foreign languages may be taken as electives. This requirement applies only to students pursuing the four-year or degree course.

SPECIAL STUDENTS—Students who desire to pursue special studies and are not candidates for a degree will be admitted on the following conditions:

Applicants over twenty-one years of age who can present credits for the common English branches, as well as such other branches as would qualify them to enter the class they wish to enter, will be admitted with special ranking, but students admitted on such terms will be required to satisfy by examination all entrance requirements before being permitted to graduate from any diploma course.

SPECIAL PREPARATION FOR TEACHING IN HIGH SCHOOLS—There is a strong demand for high-school teachers, principles, and superintendents who have had special college training in one or two lines of work. To meet this demand the State Normal College has always discouraged scattering in the selection of electives and has always required of those preparing to become high-school teachers that they select not later than the Sophomore year, Science, Mathematics, Commercial Subjects, English, Foreign Language or History, and do three years of college work in the subjects chosen. Therefore candidates for the degree of Bachelor of Science in Education shall have before graduation not less than 15 semester hours to their credit in one of the five lines named. The course also requires a total of 30 semester hours in Education. The remaining 82 semester hours may all be distributed among the groups of Mathematics, History, English, Foreign Languages, and Science. Students preparing to teach in the high-school are

advised to carry two majors, although but one is required. Teachers who have done three years of college work in two related fields, such as History and English, or Mathematics and Science, have a much stronger call to a good teaching position than those who have specialized in nothing, or in but one study.

In the Sophomore year one of the Sciences is required, the option to be made by the student, who selects from Agriculture, Biology, or Chemistry. If Biology is chosen it must be followed by one semester of Botany. If Agriculture or Chemistry is chosen, it must be carried through two semesters.

In the Junior year opportunity is offered for a year in Manual Training, or Domestic Science, or Agriculture, or Commercial Science for those preparing as special teachers in such subjects. Should the student not desire one of these special subjects a substitute will be assigned by the Dean of the College to suit the line of special preparation the student is making.

In the Senior year students who are preparing for positions as principals, supervisors, or superintendents will be required to take two semesters in School Administration, but students preparing to teach rather than to supervise will not be required to take this work in School Administration.

The great number of options governed by the restrictions above outlined enable students to pursue a large number of variations.

STANDING OF STUDENTS—The standing of a student in his course shall be designated by the members of the faculty who shall record on their class books and on the credit slips of students the following standard of proficiency: Grade A shall mean 95% or above; B shall mean 90 to 94 inclusive; C shall mean 80 to 89 inclusive; D shall mean 70 to 79 inclusive; E shall mean conditioned, and F shall mean failure. All students who have made no grade below C for the preceding semester may be allowed to carry 16 semester hours; students who have made no grade below B for the preceding semester may be allowed to carry 17 semester hours, and students who have made A in all studies for the preceding semester may be allowed to carry 18

semester hours. Whether a student shall be allowed to carry more than 15 semester hours shall be determined by the Committee on Classification and Registration.

DEGREE.—Upon completion of the four-year course in the State Normal College, with all entrance conditions met as above outlined, the student will be granted the degree of Bachelor of Science in Education. Students who contemplate a change in course from one degree to another, should do so not later than the Sophomore year. Students cannot elect occasional studies at random and call it "professional training," under the laws of 1914. All work to count on the requirement of professional training shall be done in The State Normal College.

Graduates from a reputable literary college may complete an elective course in Education in one year of 30 semester hours, and receive the degree of Bachelor of Science in Education. The course is outlined on another page.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

Select one: Latin, 4; Greek, 4; German, 3; French, 3.	3 or 4
College Algebra, 3; or Physics, 3; or American History.....	3
Civic Biology.....	3
Psychology.....	3
English Composition, Teachers' Course.....	2

SECOND SEMESTER

Continue one foreign language,	3 or 4
Trigonometry, 3; or Physics, 3; or American History.....	3
Civic Biology, 3; or Botany, 3; or Zoology.....	3
English Composition, Teachers' Course.....	2
Electives.....	4

SOPHOMORE YEAR

Agriculture, 4; or Biology, 3; or Chemistry.....	3
Ethics.....	2
Hygiene and Sanitation.....	3
American Poetry.....	3
Paidology.....	3
Electives.....	2

Agriculture, 4; or Chemistry, 3; or Botany.....	3
Sociology.....	2
English Poetry.....	3
Paidology.....	3
Electives.....	5

JUNIOR YEAR

Science of Education.....	3
Secondary Course of Study.....	2
Secondary Didactic s.....	3
Commercial Subjects, 4; or Man- ual Training, 4; or Domestic Science, 4; or Agriculture, 3; 3 or 4	
Electives.....	3

Science of Education.....	3
High School Methods.....	2
Psychology.....	3
Secondary Didactics.....	3
Commercial Subjects, 4; or Do- mestic Science, 4; or Manual Training, 4; or Agriculture, 2; or Social Methods in Educa- tion.....	2 or 4
Electives.....	2

SENIOR YEAR

School Administration or an as- signed elective*.....	3
History of Education.....	3
Teaching.....	3
Thesis.....	3
Electives.....	3

Supervision and Criticism or an assigned elective*.....	2
History of Education.....	3
Teaching.....	3
Elizabethan Dramatists, 3; or Philosophy.....	2
Electives.....	5

EXPLANATION OF DEGREE COURSE—Each candidate for the degree from the State Normal College must have a credit of 120 semester hours. By taking 15 hours each semester a stu-

*This course in School Administration and Supervision and Criticism will not be required of those who are preparing definitely for teaching positions only, in which case the year must be given to the subject the student has chosen as a major.

dent can graduate in four years. Three summer sessions will enable a student to complete 30 semester hours if his work is supervised by the college faculty during the school years intervening; otherwise four summer sessions will be required to cover 30 semester hours.

Six years of foreign languages are required for graduation and if the student presents credits for but four years on entering, the two collegiate years in a foreign language will be required.

Apparently the course above outlined is nearly all required, yet there are many opportunities for options, resulting in a great many variations in the course. In the Junior year students who expect to teach a special subject such as Agriculture, Domestic Science, Commercial Science, etc., will be required to take a year in the subject chosen, 6 to 8 semester hours. Students not choosing any of these will be assigned an option by the Dean of the College.

One Year Course for College Graduates

GRADUATES of reputable colleges granting a bachelor's degree on four years' work may elect 15 hours of work in education from the following subjects, with the consent of the Dean of the College. Completion of 30 semester hours in Education will entitle the holder of a college degree to receive from the State Normal College of Ohio University the degree of bachelor of Science in Education.

FIRST SEMESTER—Select 15 hours: Psychology, 3; Paidology, 3; School Administration, 3; Science of Education, 3; History of Education, 3; School Law, 3; Secondary Course of Study, 2; Secondary Didactics, 3; Grammar Grade Methods, 3; Elementary Course of Study, 3; High-School Methods, 2; Teaching, 3; Methods of Teaching Special Subjects, 2; Thesis, 3.

SECOND SEMESTER—Select 15 hours: Science of Education, 3; History of Education, 3; High-School Methods, 3; Secondary Didactics, 3; Physiology, 3; Supervision and Criticism, 2; Teaching, 3; Paidology, 3; History of Elementary Education, 3.

COURSE FOR ELEMENTARY TEACHERS**FRESHMAN YEAR****FIRST SEMESTER**

Psychology.....	3
English Composition, Teachers' Course.....	2
Sanitation and Hygiene.....	2
American History.....	3
Public-School Music.....	1
Public-School Drawing.....	1
Advanced Grammar.....	2
Observation and Methods.....	3

SECOND SEMESTER

Principles of Education.....	3
Literature in the Grades.....	2
American History.....	3
Advanced Arithmetic.....	3
Public-School Music.....	1
Public-School Drawing.....	1
Observation and Methods.....	2
School Management and School Law.....	2

SOPHOMORE YEAR

Paidology.....	3
Elementary Course of Study.....	2
Civic Biology.....	3
Teaching.....	2
Physiography.....	2
History of Elementary Education.....	3

Psychology.....	3
Sociology.....	2
English Poetry.....	3
Teaching.....	2
Elementary Agriculture, 3; or Domestic Science 3; or Manual Training, 3; or Hand Work, 2; or Special Methods in Education, 2.	

NOTES—This course requires a total of 66 semester hours of which 10 shall be in Observation and Teaching. Students who have had a satisfactory course in drawing in the public schools will be held to but two hours each week for one year, while those who have had little or no instruction in Drawing prior to matriculation will be required to give four hours a week to this subject. Each group will receive the same credit, two semester hours. For further explanations of this course see a succeeding page of this catalogue.

THE THIRD OR SPRING QUARTER—The second semester in each of the courses in the State Normal College is divided into half semesters, or quarters, in order to accomodate teachers who desire to enter late in April or early in May, or as soon as their schools close. Almost every study scheduled to be given in the second semester will be offered in two classes, the second class beginning about eight or nine weeks before the close of the semester and reciting twice as many times per week as the regular class. Each spring several of the regular first semester studies will also be offered at the time of the organization of the new classes, so that teachers may enter at that time even more advantageously than at the beginning of the Summer Quarter.

It will be noticed that in the second semester of the second year options are offered in vocational subjects. These subjects are now required in many schools and every teacher should be fully equipped in at least one of these subjects, but if the student for any good reason does not care to take work of this character some other study will be assigned by the Dean of the College.

Students who desire one year or more than one full year's work in a vocational subject will be given the opportunity.

The maximum number of hours allowed in one semester is 17, not counting Physical Culture, which must be taken two semesters in any diploma course.

The requirements for admission to this course are the same as for admission to all other diploma and degree courses in the University, with the exception that the fifteen units required for freshman rank may be made up of any recognized secondary subjects. In other words, no foreign language is required for admission to the Normal College diploma courses. This statement applies to all courses in the State Normal College except the two degree courses. Any graduate from a recognized first grade high-school will be admitted to the Freshman class of any of these courses without examination, but should such a student desire to pursue the course leading to the degree of Bachelor of Science in Education, all the requirements for that course must be met.

Attention is called to the requirements of the Ohio Laws of 1914, relative to professional training. Beginning January 1, 1915, professional training will be required as a pre-requisite to admission to the county examinations

A DOUBLE COURSE

A STUDENT may obtain two diplomas and one degree in four years. It frequently happens that a teacher who prepares for grade work, or on a special subject, later desires to enter upon high-school teaching. Our courses of study at the State Normal College are so arranged that a student may obtain one of these special diplomas within the four years required to obtain the degree of Bachelor of Science in Education. It also is possible for a teacher who always expects to be a Kindergartner, or a teacher of Music, or of Drawing, or of Agriculture, or of Manual Training, or of Domestic Science, or of Commercial Science, to obtain the Bachelor's degree and the special diploma both in four years. Frequently the elementary or grade teacher finds a college degree easily within her reach, but she does not want to be required to do her observation and practice teaching in high-school subjects. Nor does she want to take so much

work in Mathematics and Languages as is usually required for a Bachelor's degree.

The following double-track course of study shows how a student may obtain both diplomas and the degree of Bachelor of Science in Education in four years:

FRESHMAN YEAR

FIRST SEMESTER

A Foreign Language 3 or 3;	
Observation and Methods.....	3
American History*.....	3
Civic Biology.....	3
Psychology.....	3
English Composition.....	2
Public-School Drawing.....	1
Public-School Music, 1, 2; or	
College Algebra or Physics....	

SECOND SEMESTER

A Foreign Language or Obser-	
vation and Methods.....	3
American History*.....	3
Civic Biology, Botany, or Zool-	
ogy.....	3
English Composition or Ad-	
vanced Grammar.....	2
Principles of Education.....	3
Literature in the Grades.....	2
Public-School Drawing.....	1
Public-School Music 1; or Trigo-	
nometry or Physics.....	

SOPHOMORE YEAR

FIRST SEMESTER

Agriculture, or Biology, Chemis-	
try.....	3
Ethics or Physiography.....	3
Hygiene and Sanitation.....	2
American Poetry 3, or Teaching.	
Paidology.....	3
Elementary Course of Study or	
Secondary Course of Study....	2
History of Education.....	3

SECOND SEMESTER

Agriculture, Botany, or Chemis-	
try.....	3
Sociology 2, or Advanced Arith-	
metic.....	3
English Poetry.....	3
Paidology 3, or School Manage-	
ment.....	2
Psychology or Teaching.....	3
Or any elective.....	3

JUNIOR YEAR

FIRST SEMESTER

Science of Education.....	3
Secondary Course of Study....	2
High-School Didactics.....	3
Commercial Science, or Manual	
Training, or Domestic Science,	
or Agriculture, or an assigned	
elective in another course....	4

SECOND SEMESTER

Science of Education.....	3
High-School Methods.....	2
Psychology, or an assigned elec-	
tive.....	3
Same special subjects as chosen	
for the first semester.....	7

SENIOR YEAR

FIRST SEMESTER

School Administration, or an as-	
signed elective.....	3
History of Education.....	3
Teaching.....	3
Thesis.....	3

SECOND SEMESTER

Supervision and Criticism or an	
assigned elective.....	2
History of Education.....	3
Teaching.....	3
Elizabethan Dramatists, or Phi-	
losophy, or any specified elec-	
tive.....	3

(Where options are named, those indicated are required in the course in Elementary Education. A similar arrangement can be made for any other two-year course. When a student completes a degree course and also a diploma course, only three semesters of Teaching are required in the two courses.)

REQUIREMENTS FOR THE DEGREE BACHELOR OF EDUCATION IN MUSIC

Prerequisite full College Entrance Requirements

FRESHMAN YEAR

FIRST SEMESTER

Voice	2
Piano or Violin	1
Notation and Sight Singing	2
Harmony	2
Methods	2
History of Music	1
Psychology	3
Observation	2
Ear Training, ½ Semester	2
Chorus and Conducting, ½ Semester	2

SECOND SEMESTER

Voice	1
Piano or Violin	1
Notation and Sight Singing	2
Harmony	2
Observation	2
History of Music	1
Paedology	3
School Management and School Law	2
Methods, ½ Semester	2
Advanced Sight Singing, ½ Semester	2

SOPHOMORE YEAR

Voice	2
Piano or Violin	1
Harmony	2
Advanced Sight Singing	2
Methods	2
Teaching	3
Elementary Course of Study	3

Voice	3
Harmony	2
Methods	2
Teaching	3
Principles of Education	3
Advanced Sight Singing, ½ Semester	2
Chorus and conducting, ½ Semester	2
Elective	2

JUNIOR YEAR

FIRST SEMESTER

Voice	2
Interpretation and Form	3
Science of Education	3
German or French	5
Psychology	3

SECOND SEMESTER

Voice	2
Interpretation and Form	3
Science of Education	3
German or French	5
Psychology	3

SENIOR YEAR

FIRST SEMESTER

Voice	2
Instrumentation	3
History of Education	3
School Administration	3
Survey of English Literature	3
Sociology, Course 8	2

SECOND SEMESTER

Voice	2
Instrumentation	3
History of Education	3
Supervision and Criticism	2
Survey of English Literature	3
Modern Drama	2
Sociology, Course 12	2

DEGREE COURSE FOR TEACHERS OF COMMERCIAL SCIENCE, B. S. IN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

A Foreign Language.....	4
English Composition.....	2
Economics.....	3
American History.....	3
College Algebra, or Physics, or Civic Biology.....	3

SECOND SEMESTER

A Foreign Language.....	4
English Composition.....	2
Commercial Law.....	3
American History.....	3
Trigonometry, or Physics, or Civic Biology.....	3

SOPHOMORE YEAR

FIRST SEMESTER

American Poetry.....	3
Accounting I.....	4
Negotiable Contracts.....	2
Com'l Geography.....	2
Industrial History.....	2
Psychology.....	3

SECOND SEMESTER

English Poetry.....	3
Accounting II.....	4
Money and Banking.....	2
Advanced Economics.....	2
Principles of Education.....	3
Elective.....	1

JUNIOR YEAR

FIRST SEMESTER

Accounting III.....	2
Public Speaking.....	2
Stenography I.....	4
Typewriting and Comp. I.....	2
Corporation Acctg.....	3
Secondary Course Study.....	2

SECOND SEMESTER

Corporation Finance.....	2
Accounting Problems and Sys... ..	2
Stenography II.....	4
Typewriting and Comp. II.....	2
Psychology.....	3
High School Methods.....	2

SECOND YEAR

FIRST SEMESTER

Teaching.....	3
Stenography III.....	3
History of Education.....	3
School Administration.....	3
Elective.....	3

SECOND SEMESTER

Advanced Civics.....	2
Thesis on Com'l Subject.....	3
Teaching.....	3
History of Education.....	3
Supervision and Criticism.....	2
Elective.....	2

DIPLOMA COURSE FOR SUPERVISOR OF PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	2
School Drawing	2
Free-Hand Drawing	4
Bookbinding or Manual Training	2
Electives	5

SECOND SEMESTER

School Management and School Law	2
School Drawing	1
Free-Hand Drawing	4
Hand Work	2
Electives	6

SOPHOMORE YEAR

Designing	2
Mechanical Drawing	2
Paidology	3
Elementary Course of Study	2
Observation and Methods	2
Science of Education	3
Electives	2

Designing	2
Mechanical Drawing	2
Free-Hand Drawing	2
Art Appreciation	1
Teaching and Observation	2
Science of Education	3
Electives	3

JUNIOR YEAR

Composition and Methods	4
School Administration	3
History of Education	3
Teaching	2
Electives	4

Supervision and Criticism	2
Composition and Methods	4
History of Education	3
Teaching	4
Electives	3

DIPLOMA COURSE IN PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	2
Mechanical Drawing	2
Bookbinding or Manual Training	2
Free-hand Drawing	4
Electives	2

SECOND SEMESTER

Principles of Education	3
School Drawing	1
Mechanical Drawing	2
School Management and School Law	2
Free-Hand Drawing	4
Observation in Teaching	3

SOPHOMORE YEAR

Composition and Methods	4
Designing	2
Elementary Course of Study	2
Paidology	3
Industrial Education	2
Teaching	2

Composition and Methods	4
Designing	2
Free-Hand Drawing	2
History of Industrial Education	2
Teaching	4
Art Appreciation	1

DIPLOMA COURSE IN KINDERGARTEN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

Psychology.....	3
Kindergarten Theory and Activities.....	4
Civic Biology.....	3
English Composition, N. C.....	2
Observation and Methods.....	3
Sanitation and Hygiene.....	2

SECOND SEMESTER

Principles of Education.....	3
Civic Biology, 3; or Instrumental Music.....	1
Kindergarten Theory and Activities.....	4
School Management and School Law.....	2
Observation and Practice.....	3
Sociology.....	2

SOPHOMORE YEAR

Kindergarten Theory and Activities.....	5
School Music.....	2
School Drawing.....	1
Paidology.....	3
Teaching in Kindergarten.....	3
Handwork.....	2
Electives.....	2

Kindergarten Theory and Activities.....	4
School Music.....	2
Teaching in the Kindergarten..	8
Primary Methods.....	2
History of Education.....	3

DIPLOMA COURSE IN MANUAL TRAINING

FRESHMAN YEAR

FIRST SEMESTER

Psychology.....	3
School Drawing.....	1
Mechanical Drawing.....	2
Elementary Wood Work.....	2
Joinery.....	2
Sanitation and Hygiene.....	2
Observation and Methods.....	2
English Composition, Teachers' Course.....	2

SECOND SEMESTER

Principles of Education.....	3
School Drawing.....	1
Elementary Wood Work.....	2
Mechanical Drawing.....	2
Handwork.....	2
School Management and School Law.....	2
Observation and Methods.....	2
Bench Work.....	2

SOPHOMORE YEAR

Cabinet Making	2
Design	2
Constructive Mechanical Drawing	2
Wood Finishing.....	2
Pattern Making.....	2
History and Organization of Manual Training.....	3
Teaching	3

Cabinet Making.....	2
Mechanical Drawing.....	2
Machine Shop.....	2
Wood Turning.....	2
Hammered Metal Work.....	2
Teaching	3
History of Industrial Education	2

DIPLOMA COURSE IN HOME ECONOMICS**FRESHMAN YEAR****FIRST SEMESTER**

Psychology.....	3
Chemistry.....	3
Sanitation.....	2
Food Study.....	3
Sewing I.....	2
Cooking I.....	2
Drawing.....	1
English Composition.....	2

SECOND SEMESTER

Principles of Education.....	3
Chemistry.....	3
Sewing II.....	2
Cooking II.....	2
Textiles.....	1
Applied Design.....	2
Observation.....	3
Home Nursing.....	1

SOPHOMORE YEAR**FIRST SEMESTER**

Primary Handwork.....	2
Cooking III.....	2
Sewing III.....	2
Teaching.....	3
Millinery and Art Needlework..	1
Bacteriology.....	3
Household Management.....	3
History and Organization of Domestic Science and Art.....	1
Mechanical Drawing.....	2

SECOND SEMESTER

Elementary Agriculture (Home Gardening).....	3
School Management.....	2
Dietetics.....	3
Teaching.....	3
Millinery and Art Needlework..	1
Sewing IV.....	2
Cooking IV.....	2
History of Industrial Education	2

DIPLOMA COURSE IN PUBLIC-SCHOOL MUSIC**FRESHMAN YEAR****FIRST SEMESTER**

Voice.....	2
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Methods.....	2
History of Music.....	1
Psychology.....	3
Observation.....	2
Ear Training, ½ Semester.....	2
Chorus and Conducting, ½ Semester.....	2

SECOND SEMESTER

Voice.....	1
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Observation.....	3
History of Music.....	1
Psychology.....	3
School Management and School Law.....	2
Methods, ½ Semester.....	2
Advanced Sight Singing, ½ Semester.....	2

SOPHOMORE YEAR

Voice.....	2
Piano.....	1
Advanced Sight Singing.....	2
Methods.....	2
Teaching.....	2
Elementary Course of Study.....	3
Elective.....	2

Voice.....	2
Piano.....	2
Methods.....	2
Teaching.....	2
Principles of Education.....	2
Advanced Sight Singing.....	3
Chorus and Conducting.....	2
Elective.....	1

NOTE—Two years following graduation from a four-year high-school course will generally be required to complete this course, but those having some advanced knowledge of piano and voice may be able to complete it in less time.

DIPLOMA COURSE IN SCHOOL AGRICULTURE

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
General Agriculture	2	General Agriculture.....	3
Horticulture.....	3	Horticulture.....	2
Forestry	2	Forestry	2
Civic Biology.....	3	Civic Biology.....	3
Rural School Didactics.....	3	Zoology or Botany.....	3
Domestic Science or Manual Training.....	2	Principles of Education	3

SOPHOMORE YEAR

Soils	2	Soils	2
Chemistry	3	Chemistry	3
Evolution and Heredity	3	Rural Economics or Com'l Law ..	3
Farm Animals.....	2	Farm Crops	3
Botany.....	2	Botany.....	2
History of Industrial Education ..	2	Electives	4
Electives	2		

Electives to be made from the following subjects:

PROFESSIONAL STUDIES—School Administration and School Law, History of Education, Science of Education, Ethics, Secondary Course of Study, Psychology, Logic Paidology, Supervision and Criticism, Sociology, Teaching.

OR—Agricultural Chemistry, Farm Accounts, Advanced Botany, Vertebrate Zoology, Physiography, Soils, Geology, Cement, Domestic Science, Manual Training.

NOTE—Students desiring to obtain the special state life certificate in Agriculture will need a total of 30 semester hours in professional subjects, which they may do by taking 12 hours additional to the course as outlined or by making substitutions in the course, subject to the approval of the Dean of the College and the head of this department.

RURAL SCHOOL COURSE FOR TEACHERS

FIRST YEAR

FIRST SEMESTER

United States History.....	3
Advanced Arithmetic and Methods.....	3
Physical Geography.....	3
American Literature.....	3
*Rural School Didactics.....	3
Electives.....	2

SECOND SEMESTER

United States History.....	3
Grammar.....	3
Political Geography.....	2
American Literature.....	3
Civil Government.....	3
Rural School Course of Study....	2

SECOND YEAR

Psychology	3
Civic Biology (Nature Study)...	3
English Literature.....	3
Composition and Rhetoric..	3
Teaching.....	3
**Electives.....	2

Theory and Practice.....	3
Elementary Agriculture.....	3
English Literature.....	3
School Management and School Law ..	3
Teaching	3

*Courses in Rural School Didactics, Rural School Course of Study School Management and School Law will be organized at the middle of the second semester to accomodate teachers entering after the close of their schools.

**A great deal of latitude will be allowed students in electing branches to make up the required amount of work, and subjects can be selected from either the mathematics, science, history, or English departments. No student will be permitted to carry more than 17 semester hours. Each student taking this course should have at least one semester in Manual Training.

COURSE FOR RURAL SCHOOL SUPERINTENDENTS

Ohio now requires both County Superintendents and District Superintendents, in addition to all other supervisory positions required in the past. Persons desiring to qualify for these positions, paying from \$1,000 a year to perhaps \$2,500 a year, should take the regular four-year course leading to the degree of B. S. in Education and specialize by taking all the courses offered in the Rural Training Department, courses in School Administration Supervisor. Courses of Study, Rural Economics, Agriculture, Manual Training, History of Education, and Science of Education.

DIPLOMA COURSE IN PHYSICAL EDUCATION

A course in the Theory of Physical Education will be offered beginning September, 1914. This course is for students who wish to teach physical education in connection with other subjects. This course will cover two semesters, two hours. For students who desire to specialize in this line of work, the following Diploma Course is provided:

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Physiology and Hygiene.....	4	Civic Biology.....	3
Chemistry.....	4	Physiology.....	3
Psychology.....	3	Chemistry.....	4
History of Physical Education and Gymnastics.....	1	Theory of Physical Education...	2
Practice of Gymnastics and Ath- letics (3).....	1	Practice of Gymnastics and Ath- letics (3).....	1
Civic Biology.....	3	School Management and School Law.....	2

SOPHOMORE YEAR

Paidology.....	3	Sociology.....	2
Human Anatomy.....	3	Human Anatomy.....	3
History of Elementary Educa- tion.....	3	Corrective Gymnastics.....	1
Bacteriology.....	3	Emergencies or First Aid to the Injured.....	1
Physiology of Bodily Exercise..	1	Physical Examination and Pre- scription of Exercise.....	1
Practice in Gymnastics and Ath- letics (2).....	1	Teaching.....	3
Teaching.....	2	Practice of Gymnastics and Ath- letics (2).....	0
		Electives.....	5

THE STATE PREPARATORY SCHOOL

A PRACTICE SCHOOL FOR THE TRAINING OF HIGH-SCHOOL TEACHERS

STATE NORMAL COLLEGE

FLETCHER S. COULTRAP, *Principal*

The aim of this school is primarily to prepare students to enter the Freshman class of the Ohio University, and of the State Normal College at Athens. This city is situated in a portion of Ohio having few cities and not a large number of first-grade high-schools. It would evidently be unfair to the youth of South-eastern Ohio if they were denied the opportunity to prepare to enter college. Since many of the most promising young men and young women come from the rural communities where there is only a second-grade or a third-grade high-school or perhaps no high-school at all, they find it necessary to go away from home to secure high-school education or to prepare for college.

Rather than go to a strange town to secure their high-school training and then go to still another town or city and be obliged to form new acquaintances in securing a college education, many of these young men and young women prefer to come to Athens where they may secure their preparatory training and their college education in the same school home.

Here the facilities for instruction in the preparatory studies are much better than many communities can afford. Again, many young men and young women do not receive the real awakening and the real desire for more education until they have passed beyond the usual high-school or adolescent age. Perhaps they have taught school for several years before

they have been aroused by a re-birth, or perhaps they were compelled to teach a few years in order to make the money necessary to secure a college education. They soon find that they are really too old to attend the local high-school and would not find a hearty welcome there owing to differences due to age and experience. They want to live and work with young men and young women of their own age and their own ideals. Hence, the necessity and the wisdom of maintaining a State Preparatory School in South-eastern Ohio.

It should be borne in mind, however, that the authorities of this University do not advise boys and girls who have high-school opportunities at home to leave such opportunities for the State Preparatory School. Young people under eighteen years of age should remain at home and profit by such advantages as may be offered in their own localities, unless there is no good high-school within reasonably convenient access. The State Preparatory School hopes to encourage young men and young women who feel too old to mingle with adolescents of the ordinary high-school age; and also to encourage thousands of teachers who began teaching before having completed a high-school course and now feel that they would be more or less humiliated to return to high-school. Thousands of these young men and young women should be saved to the teaching profession, and they must realize that in order to be of the most service to the state as teachers they must secure a college education, at least a two-year college course to fit them for work in the elementary schools.

The Principal of the State Preparatory School will be pleased to advise, personally or by correspondence, any young man or young woman who feels his or her handicap.

NORMAL COLLEGE PREPARATORY

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Composition and Rhetoric.....	5
Ancient History.....	4
Physiology and Hygiene.....	4

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	2
Modern History.....	4
School Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition....	4
Plane Geometry.....	5
American Classics.....	4
Botany.....	3
Roman History.....	4

Cæsar and Latin Composition....	4
Solid Geometry.....	3
English History or American Classics.....	4
Botany.....	3
Music.....	1
Drawing.....	2

THIRD YEAR

Cicero or German.....	4
Algebra, Completed.....	3
English Classics.....	4
Physics.....	4
Public-School Drawing.....	2
Mechanical Drawing.....	1
Elementary Joinery or Plain Sew- ing.....	2

Cicero or German.....	4
Physics.....	4
History of English Literature and Classics.....	4
Public-School Drawing.....	1
Mechanical Drawing or Public School Drawing.....	1
Problems in Furniture Making or Dressmaking.....	2

FOURTH YEAR

Virgil or German.....	4
United States History.....	5
Chemistry, 4; or Agriculture.....	4
Orthography and Phonics.....	2
Physical Geography.....	5

Virgil or German.....	4
Advanced Arithmetic.....	3
Advanced English Grammar.....	3
Civil Government.....	3
Chemistry, 3; or Agriculture.....	3
Electives.....	4

CLASSICAL PREPARATORY COURSE

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Composition and Rhetoric.....	5
Physiology and Hygiene.....	4
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition...	4
Plane Geometry.....	5
American Classics.....	4
Ancient History.....	4
Drawing.....	1

Cæsar and Latin Composition...	4
Solid Geometry.....	3
History of American Literature and Classics.....	4
Modern History.....	4
Drawing.....	1
Music.....	1

THIRD YEAR

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab....	4
English Classics.....	4
Algebra, completed.....	3

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab. .	4
History of English Literature and Classics.....	4
Orthography and Phonics.....	3

FOURTH YEAR

Virgil and Latin Prose.....	4
United States History.....	5
Beginning Greek.....	5
Physical Geography.....	5
Freehand Drawing ..	2

Virgil and Latin Prose.....	4
American Government.....	3
Beginning Greek, completed and Xenophon's Anabasis.....	5
Advanced Arithmetic.....	3
Freehand Drawing.....	3
Electives.....	2

SCIENTIFIC PREPARATORY COURSE

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Physiology and Hygiene.....	4
Composition and Rhetoric.....	5
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Prose.....	4
Ancient History.....	4
American Classics.....	4
Drawing.....	1
Plane Geometry.....	5
Elementary Cooking.....	

Cæsar and Latin Prose.....	4
Modern History.....	4
American Literature and Clas- sics.....	4
Drawing.....	1
Solid Geometry.....	3
Music.....	1
Elementary Cooking.....	

THIRD YEAR

Cicero and Latin Prose or Ger- man.....	4
Elementary Botany.....	3
Algebra, Completed.....	3
Roman History.....	4
English Classics.....	4
Food Study.....	

Cicero and Latin Prose or Ger- man.....	4
Elementary Botany.....	3
Orthography and Phonics.....	3
Grecian History.....	4
History of Literature and Clas- sics.....	4
Household Management.....	

FOURTH YEAR

Virgil and Latin Prose or Ger- man.....	4
United States History.....	5
Physical Geography.....	5
Elementary Physics and Lab....	4
Freehand Drawing.....	2

Virgil and Latin Prose or Ger- man.....	4
American Government.....	3
Advanced Arithmetic.....	3
Elementary Physics and Lab....	4
Freehand Drawing.....	3
Advanced Grammar.....	3

NOTE—In this course, all or two years of the Latin may be substituted by an equivalent in French or German.

CANDIDATES FOR ADMISSION to this department must furnish satisfactory evidence of good character, and must give evidence of proficiency in all studies of the courses lower than those they wish to pursue. Students who expect to graduate from the State Normal College must give evidence that they are thoroughly familiar with the common-school branches.

There are three preparatory courses, each requiring four years for its completion, and each leading to a corresponding course in the University or in the State Normal College. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each semester.

COURSES OF STUDY IN DETAIL

LATIN

FIRST YEAR

Collar and Daniell's First Year Latin completed. Easy Latin Prose Composition based on First Year Latin work. The aim of this year is a complete mastery of the First Year Latin.

NOTE—Classes in Beginning Latin are organized each semester.

SECOND YEAR

Cæsar's Commentaries and Latin Prose Composition. Much emphasis is placed on the Latin Prose that the students may become familiar with the more simple Latin constructions.

THIRD YEAR

Cicero's Orations. At least six Orations are read, including the four Orations against Catiline. Latin Prose Composition. A careful study of forms and syntax is an important part of this year's work.

FOURTH YEAR

Virgil's Aeneid, Books I-VI. Grammar reviews, scansion, and mythology. Latin Prose Composition.

GREEK

FIRST SEMESTER

White's First Greek Book with particular reference to inflections and sentence writing.

SECOND SEMESTER

White's First Greek Book and Xenophon's Anabasis. Grammatical reviews and translations into Greek of easy prose.

PREPARATORY ENGLISH**First Year****FIRST SEMESTER**

Composition and Rhetoric. Elementary work in the theme, the paragraph, and the sentence.

SECOND SEMESTER

Composition and Rhetoric. Work in narration, description exposition, and argumentation.

Second Year**FIRST SEMESTER**

Classics from American Literature: Poe, Bryant, Webster, Franklin, Irving, Cooper, Washington, Thoreau, Emerson, Holmes, Whittier, Longfellow, Lowell, Hawthorne, Burroughs, Aldrich. Short stories.

SECOND SEMESTER

History of American Literature, with collateral readings.

Third Year**FIRST SEMESTER**

Classics from English Literature: Milton's Minor Poems, Pop's Rape of the Lock, Merchant of Venice, Julius Caesar, Hamlet, Macbeth, The Tempest, Selections from Goldsmith, Rasselas, Sheridan, Coleridge, Wordsworth, Burns, Carlyle, Macaulay, George Elliot, and Tennyson.

SECOND SEMESTER

History of American Literature, with collateral readings.

Fourth Year

A thorough review of the principles of English Grammar with a view to a mastery of this subject. Advanced English Grammar.

GERMAN**First Year****FIRST SEMESTER**

German Grammar complete. Study of forms and compositions. Conversation based on Newson's First German Book (the new edition of Alge's *Leiftfaden*), in connection with Hoelzel's charts on the seasons. Reader begun.

SECOND SEMESTER

Some short modern stories, such as Storm's *Immensee* and composition based thereon. Conversation as in first semester. Eichendorff's *Aus dem Leben eines tangerichts* or some other short story, Wesselhoff's German Composition.

This course is for students who offer no credit in German for entrance and begin the study of German. For students who had one year of high-school work in German, the following work is offered preparatory to regular Freshman German: first and second semesters; Review of German, conversation based on Newson's German Course and those Hoelzel charts connected with it. Reading of several modern stories and composition based on the text. It is known as Conversational or Special Freshman German, as collegiate credit will be given if the student is otherwise entitled to it.

FRENCH

Students taking the Scientific Course may substitute French and German for all or a part of the Latin. As to the work in French and Spanish, consult the Department of French and Spanish in another part of the catalogue.

PHYSICS**FIRST AND SECOND SEMESTER**

Recitations and Laboratory work, four hours per week. Graduates of first grade high-schools who have studied such texts as Carhart and Chute or Millikan and Gale will receive full credit for their class work. If in addition they present note books

showing that at least forty experiments have been preformed and carefully written up, they will receive full credit for the course without condition.

The first semester is devoted to Properties of Matter, Laws of Motion, Mechanics of Solids, Liquids, Gases, and Heat.

The second semester is devoted to Magnetism and Electricity, Sound, and Light. One of the above texts will be used in the class, and the manual of Atkinson and Evans as a laboratory guide.

PHYSICAL GEOGRAPHY

This subject is required in all courses. A standard textbook is studied for one semester.

BOTANY

This course will be a study of plants in their practical relations to mankind. Much emphasis will be placed on field and garden work. Each student will prepare a herbarium, and will be required to attend to a small garden. *Practical Botany* by Bergen and Caldwell will be the text. Three hours per week throughout the year.

AMERICAN GOVERNMENT

A careful study of the actual workings of the government, national, state, and local.

James and Sanford's *Government in State and Nation* is used as the text.

U. S. HISTORY

Reference work is required each week. Some training in the use of sources is given. Frequent reports and papers are required. Careful note books must be kept.

GENERAL HISTORY

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the

progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay-writing, map-drawing, and lectures by the instructor.

ARITHMETIC

This course in Arithmetic comprises two semesters. Accuracy and rapidity in performing the operations in the solutions of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions, including also a course in Mental Arithmetic. Ray's *Higher Arithmetic* is the text-book for the second semester. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. This is the teacher's class and forms of solution and methods of teaching receive special attention.

ALGEBRA

First semester Algebra will include all the fundamental operations of Algebra, factoring and its applications, and simple equations, to involution and evolution. Well's *Secondary Algebra* is the text-book used.

Second Semester Algebra, will include a brief review of simple equations, indeterminate equations, inequalities, special method of elimination, symmetry, and quadratic equations to harmonical progression, using Fisher and Schwatt's *Higher Algebra* as the text-book.

GEOMETRY—PLANE AND SOLID

The work in Plane Geometry will run through the first semester. In this work students are encouraged to form the

habit of original investigation. Terseness and technical accuracy of statements are constant requirements, and much emphasis is given to the application of the principles of geometry to arithmetic.

Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions in planes and solid angles, polyhedrons, and the sphere, with a great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

As in arithmetic, so in algebra and geometry, special emphasis is placed upon forms of solution and methods of teaching for the benefit of Normal College students taking work in teaching and observation.

DESCRIPTIVE ASTRONOMY

A two-hour course through one semester is devoted to this subject. A text-book is used, but the topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

NOTE—For the courses in Advanced Algebra, Trigonometry, and Surveying, and electives in mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic are offered each semester. Classes in Algebra and Geometry will be organized at the close of ninth week of the second semester to accommodate teachers entering after the close of their schools.

PHYSIOLOGY

The text-book is Hough and Sedwick's *The Human Mechanism*. The aim is to give a good general knowledge of anatomy and hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

DRAWING

Drawing is required in all courses. Three hours in the studio are considered equivalent to the recitation hour.

The work begins with Still-life in outline, then Still-life in light and shade, single objects and in groups. After this, perspective is taken up. The work is done in charcoal, but occasionally the pencil is used and also pen and ink by those who desire it.

Drills are given in time sketching and in memory sketching.

When the student can do this work satisfactorily, he may work in color or he may study from the cast; first, individual features, then heads, then the figure. This can not be done in two semesters however unless the student has unusual ability, or puts in more than one hour a day.

When the students are able to draw from the living models they are permitted to do so. A great variety of work can be done as the student advances, such as studies in composition, posters with the figure for the principal motive, etc.

Courses in Mechanical Drawing and in Public-School Drawing are also offered for preparatory credit.

OHIO UNIVERSITY

Degrees, Diplomas, and Certificates

June 19, 1913

A. B.

Milton Maywould Brown.....	Washington
Edna Blanche Claire Cline.....	Albany
Virginia May Crisenberry.....	Cardington
Harry De La Rue.....	Jeffersonville
Mary Ethel Edwards.....	Syracuse
Mary Evans.....	Athens
Virgil Falloon.....	Falls City, Nebr.
Orion Herbert Flesher.....	Middleport
Albert Paul Fulwider.....	Athens
Louise Eleanor Hancher.....	Athens
Emily Evelyn Hastings.....	Grover Hill
John Martin Henry.....	Junction City
Mostyn Lloyd Jones.....	Athens
Roger Johnson Jones.....	Athens
Doris Ludlow.....	Piqua
Ira Alpheus McDaniel.....	Athens
Zoa McGuire.....	Marion
Clarence Albert Matheny.....	The Plains
Kathleen Wood Merritt.....	Mulberry, Fla.
Lewis Harrison Miller.....	Millwood, W. Va.
Vittoria Moody.....	Bartlett
Jesse Alfred Place.....	Athens
Hazel Baker Reed.....	Uhrichsville
Harold Hastings Shively.....	McArthur

Flora Kathleen West.....	Bainbridge
Blanche Philene Wolfe.....	Athens
Herman H. Young.....	Mogadore
Elizabeth Sara Zimand.....	Brooklyn, N. Y.

B. S.

Hal Chalfan Bowles.....	Dexter
James William Buchanan.....	Basil
John Gail Case.....	Croton
Clifford Wilmont Douglas Chance.....	Gambier
Oliver Perry Clutts.....	Wheelersburg
John Vance Donley.....	Cleveland
Oscar Lee Dustheimer.....	Thornville
Hugo Carl Fisher.....	New Bedford
Lester Ray Fry.....	Mogadore
William Elbert Fulwider.....	Athens
Arthur William Hinaman.....	East Aurora, N. Y.
Flora Estelle Hutchins.....	Nelsonville
John King.....	Newark
Gilbert Richard Micklethwaite.....	Portsmouth
Raymond James Nutting.....	Malta
John Conrad Richards.....	Carrollton
Ward William Robinson.....	Bellville
Percy Ray Stout.....	Stoutsville
Wellington Kom Tong Tsui.....	Canton, China
Eugene John Voigt.....	Holgate
Robert Grover Webber.....	Sistersville, W. Va.
James Henry White.....	Chandlersville

B. S. in Education

Zillah Fern Atkinson.....	Zanesville
Alpheus W. Blizzard.....	Basil
Ethel Vida Boyles.....	North Lewisburg
John Leroy Clifton.....	Columbus
Joseph Hooker Comstock.....	Athens
Lewis Eldon Coulter.....	Oil City, Pa.
Lucy Aretha Cranmer.....	Athens
Jennie Frances Dowd.....	McArthur

Elza Goodspeed Gibson.....	Coolville
John Odus Grimes.....	Athens
Bessie Alice Hawk.....	Newcomerstown
Francis Halbert McVay.....	Athens
Robert Lee Morton.....	Brownsville
Louise Ogan.....	McArthur
Matilda Ostermayer.....	Canton
Walter Allen Pond.....	Linworth
Edward Ray Richards.....	Zanesville
Carrie Edith Ricketts.....	Sugar Grove
Walter Emmett Riley.....	Athens
Thomas H. Rogers.....	Mason
Alexander Root.....	Frost
Charles Rufus Rounds.....	Cincinnati
Thomas Maynard Smith.....	Zanesville
Burrell Blakeney Spohn.....	Athens
William Addison Stage.....	Lancaster
Stella May Van Dyke.....	Athens
Edwin C. Van Winkle.....	Cincinnati
Callie King Walls.....	Cincinnati
Key Elizabeth Wenrick.....	Canton
Marion Wolcott.....	Greenwich
Harry Curtis Young.....	Millersburg

B. O.

George Cromwell Blower.....	Glouster
Elgie Leroy Bandy.....	Alliance

A. M.

Bessie Mabel Gorslene.....	Athens
Florence May Hickman.....	Nelsonville
Evan Johnson Jones.....	Athens
Charles Kelley Knight.....	Athens

M. S.

Perry Wilbur Fattig.....	Waxahachie, Texas
Frederick C. Lrangenberg.....	Beverly
Jay Arthur Myers.....	Ithaca, N. Y.
Clarence Lee Shilliday.....	New Milford

M. S. in Education

Oscar Ellsworth Dunlap.....	Flushing
John Coleman Marriott	Athens

M. S. in Education Pro Honore

George B. M. Morris.....	Lancaster
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Diploma Courses Without Degrees**Two-Year Course in Elementary Education.**

Ruth Armstrong.....	Logan
Nina Mae Browning	Steubenville
Mae Weltha Chase	Mingo Junction
Leona Elizabeth Clark	Chicago, O.
Helen Louise Coleman	Rainsboro
Sarah Anne Cox	Chillicothe
Edith Curry	East Palestine
Kathryn Grace Davis	Youngstown
Florence Beryl Fishel.....	Pleasant City
Maude Alice Fleming	Geneva
Lelia Catherine Gillespie	Lancaster
Essie Maud Greisheimer.....	Chillicothe
Ruth Eleanor Hall	Pierpont
Louise Fredericka Halt	Youngstown
Bessie Alice Hawk	Newcomerstown
Hattie Estelle Heald.....	Cutler
Margaret Grace Herb	Steubenville
Ada Florence Hite.....	Thornville
Ermina Blanche Hoge.....	Bethesda
Nellie May Hollingshead.....	Jackson
Eunice Adeline Horton	Lockwood
Iva May Humphrey.....	Waterford
Estelle Clarissa Lee.....	Athens
Velma Lee.....	Greenwich
Mary Iras Liddell.....	Shiloh
Lena Livingston.....	Hamersville
Elsie Mae Meikle.....	Kinsman
Helen Elizabeth Miller.....	Mingo Junction

Bess Mullane.....	Youngstown
Marian Elizabeth Murphy	Steubenville
Alice Gertrude Nelson.....	Bellaire
Mabel Allyne Nesbett.....	Grafton
Sara O'Rourke.....	Warren
Elva Faye Osborne.....	Huron
Louise Rebecca Perry.....	Nelsonville
Lavina Mary Rang	Chicago, O.
Lulu Wilhelmina Reiter.....	Marietta
Blanche Robinson.....	Bidwell
Alice Blanche Steele.....	Columbus
Elsie Mae Strausbaugh.....	Cadiz
Ola Adelaide Strong.....	Berlin Center
Maude Irma Stout.....	West Liberty
Basha Edna Swan.....	Athens
Gladys Ione Thomas.....	Chesterhill
Nettie Thomas	Kirkersville
Mary Winifred Valentine.....	Lancaster
Ilda Marie Wade.....	Cleveland
Mabel Arella Willerton.....	Bellaire
Jessie May Wonders.....	Warren
Cleo Dee Wyeth.....	Johnstown

Kindergarten Course

Lillian Virginia Baker.....	Amherst
Esther Viola Baker.....	Amherst
Jennie Allison Forbes.....	Put-in-Bay
Mary Arvesta Kiser.....	Piqua

Public School Drawing Supervisors' Course

Fannie Helena Cochran.....	Dresden
Elmer Kirk Friedel.....	Medina
Carrie Ellen Harden.....	Denison
Rena Ruth Lowry.....	Zanesville
Margaret Louise Ogan.....	McArthur

Public School Drawing Teachers' Course

Lu Berenice Lewis.....	Rushville
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Public School Music

Florence Eva Andrews.....	Glouster
Laura Belle Bailey.....	Athens
Mary Floy Eby	Ashland
Lois Mayme Guthery.....	La Rue
Ida Alice Lindsay.....	Gnadenhutten
Myrtle Mardis.....	Columbus
Susan Isabella Merry.....	Caldwell
Edward Armstrong Morris.....	Highland
Edith McKnight Peters.....	Mt Gilead
Ruth Lucile Romig.....	Uhrichsville
Helen Crew Sharp.....	Cadiz
Florence Ethel Southard.....	West Mansfield

Agricultural Education

Harry Curtis Young.....	Millersburg
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Domestic Science

Maud Lauretta Brison....	West Gore, N. S.
Bertha Edith Buxton.....	Athens
Elizabeth Brown Connett.....	Athens
Mary Ellen Ginnan	Athens
Avis Marie Guthery.....	La Rue
Elizabeth Agnes Halsema	New Bremen
Edna Juliet Karr.....	Kinsman
Eva Marie Smith.....	
Jessie Murray Walker.....	Zanesville

Electrical Engineering

Charles Otto Bailar.....	Sidney
Charles Henry Bunch.....	Ravenna
Antonio Bussiere.....	Rio de Janeiro, Brazil
James David Cole.....	Jewett
Clyde Kenneth Creesy	Coolville
Omer Joseph Daugherty.....	New Lexington
Charles Thornton Eakin.....	Negley
Agenor Ferreira.....	Parana, Brazil
Alton Clio Furman.....	Sidney

Fred Merrick McKay.....	Stewart
John Alvin Montgomery.....	Baltimore
Charles Thomas Paugh.....	Coolville
Donald A. Ross	Akron
Sandy Alexander Smith.....	Athens
Leslie Elliott Warner.....	New Haven, Conn.

Civil Engineering

Arthur Dellert Lynn.....	Portsmouth
Eugene John Voigt.....	Holgate

College of Music

Ellen Robert Biddle.....	Athens
Gladys Lucile Van Valey.....	Athens

Oratory

Lucile Coe Burson.....	Athens
Isabel Justina Hartsock.....	Lancaster
Alta Elizabeth McLean.....	North Bloomfield

Graduates of the Two-Year Collegiate Commercial Course

Cléon John Bassler.....	Lima
Robert Elliott Rucker.....	Rappsburg

ANNUAL COMMENCEMENT
OF
OHIO UNIVERSITY

University Auditorium, June 19, 1913

PROGRAM

The Orchestra

- Solo—"Dance of the Dryads".....
MISS GLADYS VAN VALEY
- Oration.....The Man and The State
LEWIS H. MILLER
- Oration...The Responsibility of the School in Moral Education
CARRIE E. RICKETTS
- Oration.....All's Right With the World
BLANCHE P. WOLFE
- Solo—a. "Less Than the Dust".....
b. "Kashmiri Song".....*Woodforde-Finden*
MRS. D. H. BIDDLE
- Oration.....Useful or Useless
HARRY DE LA RUE
- Oration.....The Social Spirit in Education
JENNIE F. DOWD
- Oration.....The Operation of the Unseen
CLARENCE A. MATHENY
- Quartet—"Come Fill the Cup".....*Liza Lehmann*
MISSES LEIFHEIT AND STEWART
MESSRS. JONES AND SCHAEFFLER
- Conferring of Degrees and Presentation
of Diplomas
- Benediction.....Rev. F. M. Swinehart

THESES

Master of Arts

Bessie Mable Gorslene: Moliere.

Florence May Hickman: Recent Tendencies in State Constitutions.

Evan Johnson Jones: Territorial Problems before 1860.

Charles Kelly Knight: History of Coinage in the United States.

Master of Science

Perry Wilbur Fattig: The Development of the Heart and a Study of the Circulatory System of *Amia Calva*.

Frederick C. Langenberg: The Commercial Aspects of the Report of a Survey of the Athens Municipal Light and Water System.

Jay Arthur Myers: The Development of the Eye in *Amia Calva*.

Clarence Lee Shilliday: The Development of the Olfactory Organs in *Amia Calva*.

Master of Science in Education

Oscar Ellsworth Dunlap: Orchard Pests in Athens County.

John Coleman Marriott: The Certification of Teachers.

For the Bachelor's Degree

Bachelor of Arts

Milton Maywould Brown: The Early Progress of Christianity.

Edna Blanche Claire Cline: A Study of the Growth of Music.

Virginia May Crisenberry: The Teaching of Foreign Languages in Secondary Schools.

Mary Ethel Edwards: Amendments to the Constitution.

Mary Evans: St. Peter's Church and Its Influence on the World.

Virgil Falloon, Government of American Cities.

Orion Herbert Flesher: Our National Banking System.

Albert Paul Fulwider: Tangible Fruits of the Missionary Enterprise.

- Louise Eleanor Hancher: Australia: Its Relation to England.
 Emily Evelyn Hastings: A Comparison of The Merchant of Venice with the Jew of Malta.
 John Martin Henry: American Tariff on Raw Materials.
 Mostyn Lloyd Jones: Development of the Respiratory Apparatus in the *Lepidosteus Ossius*.
 Roger Johnson Jones: Shelley as a Revolutionist.
 Doris Ludlow: James McNeill Whistler, the Man and his Work.
 Ira Alpheus McDaniel: The Prose of Sir Thomas Browne Compared with Ruskin's.
 Zoa McGuire: Samuel Johnson, Why Famous?
 Kathleen Wood Merritt: The Relation of Punishment to Sin in Dante's Inferno.
 Vittoria Moody: The Development of the Eye in the *Necturus*.
 Jesse Alfred Place: Development of the Caecum in the Ox.
 Hazel Baker Reed: What of the Jew?
 Harold Hastings Shively: The Modern Drama.
 Flora Cathleen West: Minor Women Characters in Shakespeare.
 Herman H. Young: Mental Fatigue.
 Elizabeth Sara Zimand: Women Novelists in England.

Bachelor of Science.

- Hal Chalfan Bowles: The Monroe Doctrine.
 James William Buchanan: Development of Nasal Fossae and Olfactory Nerve of *Lepidosteus Ossius*.
 John Gail Case: The Accounting of College Organizations.
 Clifford W. D. Chance: Bismuth Subnitrate.
 Oliver Perry Clutts: The Doctrine and the Growth of Socialism in the United States.

Arthur W. Hinaman: John Vance Donley: Hugo Carl Fisher:	}	The Determination of a Meridian for Athens.
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Oscar Lee Dustheimer: Distribution of Current Lines in Electrolytes and Some Tests on an Aluminum Electrolytic Rectifier.
 Lester Ray Fry: Muscular Training.
 William Elbert Fulwider: The History of the Bubonic Plague and Typhoid Fever.

- Flora Estelle Hutchins: Dryden's All for Love Compared with Shakespear's Antony and Cleopatra.
- John King: The Accounting of College Organizations.
- Gilbert Richard Micklethwaite: Development of the Eye in *Lepidosteus Ossius*.
- Raymond James Nutting: Development of the Epiphysis Cerebri of the *Lepidosteus Ossius*.
- Ward William Robinson: History of Physiology.
- Percy Ray Stout: The Construction, Test and Operation of a Laboratory Electric Furnace.
- Wellington Kom Tong Tsui: On Analytic Series, Mainly Respecting their Convergence.
- Eugene John Voigt: The Determination of the Shear Values, With the Grain, for White Oak and Yellow Pine.
- Robert Grover Webber: A Micro-Photographic Study of Various Irons and Steels.
- James Henry White: Studies in Eugenics.

Bachelor of Science in Education.

- Zillah Fern Atkinson: Idealism in Ibsen.
- Alpheus W. Blizzard: Heredity in Relation to Eugenics.
- Ethel Vida Boyles: The Masque and Its Relation to the Drama.
- John Leroy Clifton: The Problem of the Centralized School.
- Lewis Eldon Coulter: For the Study of Geometry During the Study Period.
- Jennie Frances Dowd: The Younger American Poets.
- John Odus Grimes: The Curriculum of the Modern-School.
- Bessie Alice Hawk: Woman's Place in Education.
- Francis Halbert McVay: The Problem of Vocational Education.
- Robert Lee Morton: Mathematics in the Elementary Course of Study.
- Matilda Ostermayer: The Influence of the Volksbuch on Goethe's Faust.
- Edward Ray Richard: The Relation of the Classics to Modern Culture.
- Walter Emmett Riley: The Repeal of the Missouri Compromise.
- Thomas H. Rodgers: Elementary Science Lessons for Seventh and Eight Grade Pupils.

Alexander Root: Modern Methods in the Treatment of the Criminal.

Charles Rufus Rounds: A Public School Course in Arithmetic.

Thomas Maynard Smith: The Problem of the Public School in America.

Burrell Blakeney Spohn: Type-Study in Corn for High School Agriculture.

William Addison Stage: The Annexation of Texas.

Edwin C. Van Winkle: Science in the High School.

Key Elizabeth Wenrick: The Manual Arts in the High School.

Marion Wolcott: English Prose Style.

Harry Curtis Young: The Apotheical Stage of Sclerotinia Cinerea.

ALUMNI DEPARTMENT

CLEMENT L. MARTZOLFF, B. Ped., M. Ped., *Secretary*

At the annual meeting of the Board of Trustees of Ohio University, in June, 1906, the office of Alumni Secretary was created. The object of this department is to assist in the work of the Alumni Association, to organize clubs of alumni and former students, to secure data concerning the history and the alumni of the University, and to publish bulletins from time to time denoting progress.

Of the nine hundred and nine persons who have received the Bachelors' Degree, fewer than ten have not been accounted for.

At present the Secretary is engaged in collecting data from which to compile a Complete Alumni Record of the University. This will be published in 1915, the One Hundredth Anniversary of the graduation of the first class. This publication will contain many other interesting facts concerning the history of the University.

GENERAL ALUMNI ASSOCIATION

Constitution

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ARTICLE II. The officers of the Association shall be President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ARTICLE III. The annual meeting of this Association shall be held in connection with the Commencement exercises of the University.

ARTICLE IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ARTICLE V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ARTICLE VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ARTICLE VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

ALUMNI ASSOCIATIONS

Officers of General Alumni Association for 1913-1914

President, JOHN T. DUFF, '70.....Newcomerstown, Ohio

Vice-President, S. K. MARDIS, '93.....Columbus, Ohio

Secretary, C. L. MARTZOLFF, '07.....Athens, Ohio

Treasurer, F. D. FORSYTHE, '11.....Athens, Ohio

Executive Committee

George C. Parks, '08.....	Athens, Ohio
Dollie Hooper Bean, '99.....	Athens, Ohio
Nellie Pickering, '05	Athens, Ohio
E. E. Baker, '94.....	Athens, Ohio

The Ohio University Alumni Association of Pittsburg

(Organized in 1906)

<i>President</i> , CALVIN B. HUMPHREY, '88	131 Riverside Drive, New York City
<i>Secretary-Treasurer</i> , DR. NEWMAN H. BENNETT, '99	1908 Carson St., Pittsburg, Pa

The Ohio University Alumni Association of Columbus

(Organized in 1909)

<i>President</i> , MRS. MARY E. LEE, '04.....	Westerville, Ohio
<i>Secretary</i> , FLOYD S. CROOKS, '06	1507 E. Long St., Columbus, Ohio

The Ohio University Alumni Association of Southern Ohio

(Organized in 1910)

<i>President</i> , JOHN M. DAVIS, '73.....	Rio Grande, Ohio
<i>Secretary</i> , FRED E. C. KIRKENDALL, '93....	Chillicothe, Ohio

The Ohio University Alumni Association of New England

(Organized in 1912)

<i>President</i> , W. T. MORGAN, '09.....	Cambridge, Mass.
<i>Secretary</i> , HARRY L. RIDENOUR, '12.....	Cambridge, Mass.

**The Ohio University Alumni Association of
the Western Reserve**

(Organized in 1912)

President, EMMA K. DANA, '78.....Cleveland, Ohio

Secretary, DR. A. A. JOHNSON, '08.....Cleveland Ohio

The Ohio University Club at Cornell

(Organized in 1913)

President, H. A. PIDGEON, '11.....Ithaca, New York

Secretary, C. L. SHILLIDAY, '12.....Ithaca, New York

LIST OF STUDENTS

COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS STUDYING FOR A DEGREE

Forsyth, Florance D., Ph. B.....	Athens
Mohler, Nellie Blanche, Ph. B.	Athens
Place, Jesse Alfred, A. B.....	Athens
Young, Herman H., A. B.....	Mogadore

CLASS OF 1913

Bandy, Elgie Leroy.....	Alliance
Blower, George Cromwell, A. B.....	Glouster
Bowles, Hal Chalfan.....	Dexter
Brown, Milton Maywould.....	Washington
Buchanan, James William.....	Basil
Case, John Gail.....	Croton
Chance, Clifford Wilmont Douglas.....	Gambier
Cline, Edna Blanche Claire.....	Albany
Clutts, Oliver Perry.....	Wheelersburg
Crisenberry, Virginia May.....	Cardington
De La Rue, Harry.....	Jeffersonville
Donley, John Vance.....	Cleveland
Dustheimer, Oscar Lee.....	Thornville
Edwards, Mary Ethel.....	Syracuse
Evans, Mary.....	Athens
Falloon, Virgil.....	Falls City, Nebr.
Fisher, Hugo Carl.....	New Bedford
Flesher, Orion Herbert.....	Middleport
Fry, Lester Ray.....	Mogadore
Fulwider, Albert Paul.....	Athens
Fulwider, William Elbert.....	Athens
Hancher, Louise Eleanor.....	Athens
Hastings, Emily Evelyn.....	Grover Hill
Henry, John Martin.....	Junction City
Hinaman, Arthur William.....	East Aurora, N. Y.
Hutchins, Flora Estelle.....	Nelsonville
Jones, Mostyn Lloyd.....	Athens
Jones, Roger Johnson.....	Athens

King, John.....	Newark
Ludlow, Doris.....	Piqua
McDaniel, Ira Alpheus.....	Athens
McGuire, Zoa.....	Marion
Matheny, Clarence Albert.....	The Plains
Merritt, Kathleen Wood.....	Mulberry, Fla.
Micklethwaite, Gilbert Richard.....	Portsmouth
Miller, Lewis Harrison.....	Millwood, W. Va.
Moody, Vittoria.....	Bartlett
Nutting, Raymond James.....	Malta
Place, Jesse Alfred.....	Athens
Reed, Hazel Baker.....	Uhrichsville
Richards, John Conrad.....	Carrollton
Robinson, Ward William.....	Bellville
Shively, Harold Hastings.....	McArthur
Stout, Percy Ray.....	Stoutsville
Tsui, Wellington Kom Tong.....	Canton, China
Voigt, Eugene John.....	Holgate
Webber, Robert Grover.....	Sistersville, W. Va.
West, Flora Kathleen.....	Bainbridge
White, James Henry.....	Chandlersville
Wolfe, Blanche Philene.....	Athens
Young, Herman H.....	Mogadore
Zimand, Elizabeth Sara.....	Brooklyn, N. Y.

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UNDER GRADUATES

Name	Course	Rank	Address
Aber, Irene Virginia.....	A. B.	Jun.....	Athens
Adams, Ella Jean.....	A. B.	Sen.....	Highland
Albright, John Grover.....	B. S.	Fresh.....	Athens
Alfred, Theodore C.....	B. S.	Soph.....	Lancaster
Allen, Eugene Russell.....	Music.....		Athens
Amerine, Minnie.....	A. B.	Soph.....	Lancaster
Anderson, Harold Way.....	B. S.	Jun.....	Lancaster
Andre, Robert M.....	A. B.	Fresh.....	Waverly
Angell, Mary Leah.....	Music.....	Fresh.....	Athens
Antorietto, Dora Catherine..	Music.....		Athens
Antorietto, Josephine.....	Com'l.....		Athens
Armstrong, Valerie.....	Music.....		Athens
Athas, Constantine Pan.....	A. B.	Fresh.....	Lygoudista, Greece
Augustus, Ernest.....	Com'l.....	Fresh.....	Chillicothe
Bailar, Charles Otto.....	Eng.....	Soph.....	Sidney
Baker, Rea Shaw.....	A. B.	Fresh.....	Somerset
Barker, Robert Ralph.....	A. B.	Fresh.....	Athens
Barnaby, Paul Jones.....	A. B.	Fresh.....	Randolph
Barth, Karl Morrison.....	B. S.	Soph.....	Athens

Name	Course	Rank	Address
Bash, Edwin Wallace.....	B. S.....	Sen.....	White Cottage
Bash, Herbert Wigton... ..	Com'l....	Fresh.....	White Cottage
Bassler, Cleon John.....	Com'l....	Soph.....	Lima
Bauer, William Wert.....	B. S.....	Fresh.....	Thurston
Bauersachs, Walter Seal....	B. S.....	Fresh.....	Waverly
Bauman, Ida Grace.....	Com'l....	Soph.....	Allentown, Pa.
Bay, John Elbert.....	Eng.....	Fresh.....	Cumberland
Beam, Floyd Guyton.....	A. B.....	Sen.....	Athens
Beam, Ronald Lysle.....	Com'l....	Soph....	N. Chattanooga, Tenn.
Beckler, Edith Blanche.....	Com'l....		Athens
Bell, Enid Rose.....	A. B.....	Fresh.....	Jacksonville
Bentley, William Prescott..	A. B.....	Soph.....	Athens
Benton, Fletcher Chapman..	B. S.....	Fresh.....	Jackson
Bethel, Mac Slator.....	A. B....	Sen.....	Athens
Bibbee, Mayme Hannah....	Music.....		Athens
Biddle, Ellen Roberts.....	Music.....		Athens
Bierer, Martin Ellsworth ...	A. B.....	Soph.....	Adena
Bishop, Herman Davis.....	B. S.....	Sen.....	Derby
Black, Della Olive.....	Music.....		Athens
Blosser, Frank Ray ..	B. S.....	Sen.....	Hicksville
Bobo, Florence Rinda.....	Com'l....		Athens
Bogran, Samuel	Eng.....	Soph.	Santa Barbara, Cent. Amer.
Bohn, Elizabeth H.....	Music.....		Centralia, Ill.
Bolin, Eleanor.....	Com'l....		Athens
Bort, Donald S.....	Com'l....	Soph.....	Logan
Boyles, Gladys.....	Special....		Nelsonville
Bradley, Edith Mary.....	A. B.....	Fresh.....	McGregor, Iowa
Brady, Benjamin Franklin..	Eng....	Fresh.....	Nelsonville
Brickles, Lucy Inez.....	A. B.....	Sen.....	Nelsonville
Brown, Burton Milton.....	Special....		Summerville, W. Va.
Brown, James Gladstone....	A. B.....	Jun.....	Uhrichsville
Buchanan, Randall Leighton	A. B.....	Fresh.....	Unionport
Buell, Charles Townsend....	A. B.....	Sen.....	South Bloomfield
Buell, Lewis Edward. ...	A. B.....	Fresh.....	South Bloomfield
Bunch, Charles Henry.....	Eng.....	Soph.....	Ravenna
Bundy, William Sanford....	A. B.....	Jun.....	Athens
Burleigh, Viola May.....	Com'l....		Athens
Burson, Ethel Frances.....	Music.....		Athens
Burson, Lucile Coe.....	Special....		Athens
Bussiere, Antonio.....	Eng.....	Fresh....	Rio De Janeiro, Brazil
Byrne, Eldon Emmett.....	Com'l....		Guysville
Callison, Lester Meek.....	B.S.....	Fresh.....	Athens
Calvin, Harley Earl.....	Eng.....	Soph.....	Hamden
Cameron, Arthur Edward....	Music.....		Athens
Campbell, Margaret Frances	Music.....		Athens
Carpenter, Edith Marie.....	Com'l....	Soph.....	Athens
Carr, Alice May.....	Com'l....		Stockport

Name	Course	Rank	Address
Carr, Wilson Hamilton.....	Eng.....	Fresh.....	Athens
Carroll, Anna Elnor ...	A. B.....	Soph.....	Bellaire
Casley, Paul Bartlett	Eng.....		Athens
Chamberlain, Willard Jason	Com'l... Jun.....		Milledgeville
Chandler, Frances Adelaide.	Music.....		Athens
Chandler, Mary Hammond ..	A. B.....	Fresh.....	Athens
Chen, Shon Jen.....	A. B.....	Fresh.....	Canton, China
Cherrington, Edith Mabel ...	A. B.....	Soph	Athens
Cherrington, Homer Vergil..	A. B.....	Sen.....	Athens
Chrisman, Oscie Dru.....	A. B.....	Sen.....	Athens
Christman, Anna Pearl.....	Music		Millfield
Christman, Eva Lea	Music		Athens
Christman, Frank Joseph....	Special		Athens
Christman, John Carrington	B. S.....	Fresh	Waterville
Chubb, Ida Maude.....	Special.....		Corning, Iowa
Claypool, Garnet Louise....	Music		Nelsonville
Cline, Hazael Blanche.....	A. B.....	Fresh	Albany
Cline Lizzie Faye.....	A. B.....	Soph	Albany
Cole, Bessie Martha.....	A. B.....	Jun	Jewett
Cole, Clarence Edison.....	A. B.....	Soph.....	Hartville
Cole, Fern Lelah.....	A. B.....	Soph.....	Hartville
Cole, James David	Eng	Soph	Jewett
Coleman, Frances White....	Com'l		Athens
Cooksey, Helen Van Clief....	Com'l	Fresh	Athens
Cookson, Thomas J	A. B	Fresh	Athens
Cooley, Merrill Finley.....	A. B.....	Fresh... ..	East Liverpool
Coombs, Lucile.....	Com'l	Fresh.....	Troy
Cooper, Gilbert Floyd	B. S	Soph.....	McConnelsville
Cooperrider, Charles Knesal	B. S.....	Sen	Brownsville
Copeland, Anna Charlotte... ..	A, B.....	Sen.....	Athens
Copeland, Edna Florence...	A. B.....	Sen.....	Athens
Copeland, Thomas Harold...	A. B.....	Fresh	Athens
Copeland, William Franklin	Com'l	Fresh	Athens
Copeland, William Howard..	Com'l	Fresh.....	Jewett
Core, Franklin John.....	Eng	Fresh.....	Mt. Sterling
Corn; Lena Everette, A. M...	Music.....		Norman, Okla.
Cotner, Robert Arthur... ..	Music ...	Fresh ..	Athens
Cotton, Mabel Stewart.....	Special		Athens
Couyumdopoulos, Constan-			
tine.....	Eng	Fresh.....	Beni Souef, Egypt
Cox, Garnett Leggett.....	A. B.....	Fresh.....	Coshocton
Creesy, Clyde Kenneth.....	Eng	Soph.....	Coolville
Cronacher, Henrietta Violet	A. B.....	Jun.....	Ironton
Cuckler, Dicie Enita.....	A. B.....	Fresh	Athens
Cuckler, Katherine Eunice..	Music		Athens
Cummins, Mary Elizabeth...	Music		Steubenville
Cupp, Luther Allen.....	B. S.....	Fresh.....	Chillicothe

Name	Course	Rank	Address
Curfman, Arthur Dwight....	Music.....		Glouster
Daines, Evalina.....	Music		Athens
Daugherty, Omer Joseph....	Eng.... Soph.....		New Lexington
Davidson, Jennie.....	Com'l... Fresh.....		London
Davidson, Ralph Edwin.....	Music		Athens
Davis, Daniel D.....	Eng.... Soph.....		Athens
Davis, Irma Elizabeth.....	Music		Jackson
Davis, Lillian Taylor.....	Com'l.....		Somerset
Davis, Mabel Clair.....	Music.....		Glouster
Davis, Margaret.....	A. B.... Soph.....		Athens
Davis, Marie Louise.....	A. B.... Fresh.....		Gallipolis
Davis, Ruth Myers.....	Music.....		Athens
De Long, Guy William.....	Eng.... Fresh.....		Barnesville
De Molet, John Paul.....	Com'l.....		Athens
Dean, Minnie Foster.....	Special.....		Athens
Dickerson, Thomas Arthur..	B. S.... Fresh.....		Jersey
Dickson, Audra Mearle.....	Special.....		Athens
Dodd, Samuel Wilbur.....	Special.....		Frost
Donnelly, Mary Isabel.....	Music.....		Corning
Dougan, Stanley.....	A. B.... Sen.....		Chesterhill
Douthitt, Maud Harris.....	Special.....		Athens
Drake, William Blackstone..	Com'l.....		Athens
Du Bois, Herman Henry....	B. S.... Sen.....		Vigo
Dunbar, Marcellus Wilson...	Com'l		Freeport
Dupuy, Henrietta Deona....	A. B.... Fresh		Portsmouth
Dye, Frank Argyle.....	A. B.... Fresh		Zanesville
Dye, Leroy Wayne.....	Eng.... Fresh.....		Hamden
Eakin, Charles Thornton...	B. S.... Jun.....		Negley
Ebert, Madge.....	Music .. Fresh.....		Circleville
Eccles, Charles Middleton...	A. B.... Sen.....		Athens
Eccles, Henry Henderson...	A. B.... Sen.....		Athens
Eggleston, Joseph Burt.....	Eng. Fresh.....		Middlefield
Elliott, Lulu Faye ...	Com'l... Fresh.....		Pleasanton
Elson, Winfred Paul.....	B. S.... Jun.....		Athens
Endsley, Benjamin Lawrence	A. B.... Soph.....		Lancaster
Englehardt, Walter Stewart.	Eng.... Fresh...		Mt. Vernon
England, Naomi Lucile.....	Com'l		Chauncey
Esch, Eirene Eliza.....	A. B.... Fresh.....		Huron
Ewing, Clara Pauline.....	A. B.... Soph.....		Bellaire
Fagan, Fannie Lucile.....	Com'l		Athens
Falloon, James Hugh.....	A. B.... Fresh.....		Falls City, Nebr.
Fawcett, Dwight Ainsley....	Com'l... Fresh...		Rushsylvania
Fenzel, William Henry.....	Com'l... Fresh.....		Athens
Ferreira, Agenor	Eng.... Soph.....		Parana, Brazil
Finsterwald, Edwin Sayre...	A. B.... Fresh.....		Athens
Finsterwald, Russell Weibr.	A. B.... Soph.....		Athens
Fisher, Mary Jane.....	Music... Fresh.....		North Lewisburg

Name	Course	Rank	Address
Flegal, Jay Carl.....	Com'l...	Fresh.....	Athens
Flesher, Vashti Pauline.....	A. B.....	Soph.....	Middleport
Fletcher, Mary Ella.....	A. B.....	Soph.....	Athens
Foley, Kathryn Margaret....	Com'l...	Fresh.....	Glouster
Foley, Louis Haynes.....	A. B.....	Jun.....	Zanesville
Forsyth, Florance D., Ph. B..	Music.....		Athens
Foss, Carl Alstien.....	A. B.....	Fresh.....	Buffalo, N. Y.
French, Willis Lewis.....	B. S.	Fresh.....	Washington C. H.
Fulton, Norman.....	A. B.....	Sen.....	Shade
Fulton, Oscar.....	Com'l ..	Soph.....	Athens
Furman, Alton Clio.....	Eng.....	Soph.....	Sidney
Gandee, Wilbur Dale.....	B. S.	Fresh.....	Athens
Geib, Atleigh Lloyd.....	B. S.	Fresh.....	Middlebranch
Gettles, Alice Hazel.....	A. B.	Fresh.....	Frankfort
Gibbony, Alvin Percy.....	Eng.....	Fresh.....	Carroll
Gibson, Clyde Owen.....	A. B.....	Jun.....	Amesville
Gillen, Harold William.....	B. S.....	Fresh.....	Wellston
Gillen, Roy John.....	A. B.....	Jun.....	Wellston
Gillette, Edward Taylor....	Com'l.....		Lancaster
Gillilan, Anna Pearl.....	A. B.....	Soph.....	Salt Lake, Utah
Gillilan, Paul McVay.....	B. S.	Jun.....	Athens
Ginnan, Marie Elizabeth....	Com'l.....		Athens
Goddard, Augusta Marie....	Music.....		Amesville
Goddard, Fred Benoni.....	A. B.....	Jun.....	Cutler
Goddard, Gretta Marian....	Music....	Fresh.....	Wellston
Goldsberry, Blaine Randolph	B. S.	Sen.....	Athens
Goldsberry, John Russell....	Music.....		Athens
Graham, Hazel Frances.....	Com'l ..	Fresh.....	Athens
Graham, Miles McKindree...	A. B.....	Sen.....	Logan
Grassle, Lawrence Neal.....	A. B.....	Fresh.....	Millersburg
Greathead, Elsie Selene.....	A. B.....	Jun.....	McConnellsburg, Pa.
Grethen, John Peter.....	B. S.....	Fresh.....	Cohoes, N. Y.
Grether, Louis Elroy.....	A. B.....	Fresh.....	Cleveland
Grimes, Belle Few.....	Special.....		Athens
Grones, Dow Seigel.....	Com'l ..	Soph.....	Athens
Gullette, Cameron Charles..	Music.....		Athens
Gutman, Leo Oliver.....	Eng.....	Fresh.....	Sidney
Hackett, Mary Patton.....	A. B.....	Soph.....	Jewett
Hahn, Ralph.....	Eng.....	Fresh.....	Berlin Heights
Hall, William Loring.....	A. B.....	Jun.....	Athens
Hamley, Nettie Kathryne....	B. S.....	Fresh.....	Perry
Hanely, Chester Franklin....	A. B.....	Fresh.....	Stony Ridge
Haney, Forest C.....	A. B.....	Fresh.....	Woodsfield
Hannahs, Ralph Stanley....	Music.....		Nelsonville
Hansen, Frank Frederick....	A. B.....	Fresh.....	Walbridge
Harper, Carrie Bessie.....	A. B.....	Fresh.....	Wellston
Harper, Walter Jean.....	B. S.	Jun.....	Monday

Name	Course	Rank	Address
Hart, Frederick Glenn.....	Eng.....	Soph.....	Prairie Depot
Hartford, Edward Elmer...	Eng.....	Fresh.....	Toronto
Hartford, William Addison..	Com'l.....	Soph.....	Toronto
Hartsock, Isabel Justina....	A. B.....	Soph.....	Lancaster
Harwick, Curtis John.....	Music.....		Athens
Hastings, Stanley Miller....	Eng.....	Jun.....	Zanesville
Hatfield, Archie Lyman.....	Eng.....	Fresh.....	Warren
Hauschildt, Katherine.....	A. B.....	Jun.....	Piqua
Haverfield, Grace.....	Music.....		Cadiz
Hendrickson, Mark Clayton.	Eng.....	Fresh.....	Norwalk
Henry, Alice Minerva.....	Special.....		Athens
Henry, Chloe Elizabeth.....	A. B.....	Fresh.....	Junction City
Henry, Lucile Rebecca.....	A. B.....	Jun.....	Athens
Herrold, Rose Ella.....	A. B.....	Jun.....	Nelsonville
Herrold, Russell Phillips...	B. S.....	Soph.....	Athens
Heskett, Harrison Allison...	B. S.....	Soph.....	Bethesda
Hewitt, Grace Elizabeth....	Com'l.....		Athens
Hewitt, Milo Ephraim.....	Com'l.....		New Marshfield
Hibbard, Edwin McCune....	A. B.....	Fresh.....	Athens
Higby, Josephine Sharpe....	A. B.....	Soph.....	Higby
Higgins, Elmer Wood.....	Music.....		Athens
Higgins, Hannah Louise....	A. B.....	Soph.....	Athens
Higgins, Leight Monroe....	B. S.....	Fresh.....	Athens
Higgins, Rachael Jennings..	A. B.....	Fresh.....	Zanesville
Hill, Clyde Wright.....	Special.....		Athens
Hill, Hazel Krapps.....	Music.....		Athens
Hoffmeister, Alex Chas. M...	A. B.....	Fresh.....	Athens
Hoisington, Harland William	A. B.....	Fresh.....	Amesville
Hoodlet, Charles Stuart.....	A. B.....	Fresh.....	Nelsonville
Hoodlet, Jacob James.....	B. S.....	Soph.....	Nelsonville
Hopkins, Homer Smith.....	B. S.....	Sen.....	Marengo
Horn, Albert Henry.....	Eng.....	Fresh.....	Monroeville
Hover, John McCoy.....	Eng.....		New Wilmington
Howe, Mary Ellen.....	A. B.....	Soph.....	Troy
Huffman, David Clark.....	Eng.....	Fresh.....	Akron
Hughes, Milton De La Haye..	A.B.Sp'l.....		Monroeville
Huls, Lena Mabel.....	Com'l.....	Fresh.....	Athens
Hunnicutt, William Clarence	B. S.....	Soph.....	Zanesville
Hunt, Johnston Hickman....	Eng.....	Fresh.....	Somerset
Hurst, Edna Powel.....	Music.....		Athens
Hussey, Cyril Christopher...	B. S.....	Jun.....	Sidney
Jackson, Homer Burton.....	Com'l.....	Soph.....	Columbia City, Ind.
Jackson, Ole Cleveland.....	B. S.....	Fresh.....	Woodsfield
Jacoby, Marvella Juanita...	Music.....		Athens
Jennings, Glenn.....	A. B.....	Fresh.....	Fitchville
Jewett, Joseph Everett.....	Eng.....	Fresh.....	Malta

Name	Course	Rank	Address
Johnson, Bernard David.....	A. B.	Jun.....	McConnelsville
Johnson, Eva May.....	Music.....		Athens
Jones, Alfred Crittenden....	Special.....		Glen Roy
Jones, Grace Hoyt.....	A. B.	Soph.....	Jackson
Jones, William Dale.....	B. S.	Fresh.....	Athens
Junod, Carrie Clester.....	A. B.	Sen.....	Athens
Kalar, Thomas Leslie.....	Eng.	Fresh.....	Belmont
Kelly, Etta.....	Com'l.	Soph.....	St. Marys
Kelly, Helen.....	Com'l.	Fresh.....	St. Marys
Kenyon, Johnson Darby.....	Eng.	Fresh.....	Wauseon
Kern, Atta Brooks.....	Special.....		Athens
Kern, William Sherman.....	Special.....		Beaver
Kimball, Jennie Leon.....	Com'l.		Wellston
Kimes, Blair Reed.....	Eng.	Fresh.....	Belpre
King, James Robertson.....	Eng.	Soph.....	Clyde
Kinnison, James Edgar.....	A. B.	Soph.....	Jackson
Knight, James Dawson	Com'l.	Fresh.....	Nelsonville
Knight, Oscar Allen.....	A. B.	Soph.....	Athens
Knisely, Omar Ashton.	Eng.	Soph.....	Cambridge
Koenig, Norma Anna.....	Music.....		Murray City
Krieg, Leland.....	Eng.	Soph.....	Nelsonville
Kuhn, Edna Beery.....	Special.....		Nelsonville
Langsdon, Walter Ralph.....	Eng.	Soph.....	Mendon
Lash, Greta Alecia.....	A. B.	Fresh.....	Athens
Law, Christine Elizabeth....	A. B.	Soph.....	Chauncey
Lawrence, Arthur Elbert....	A. B.	Soph.....	Coolville
Lawrence, Majel.....	A. B.	Sen.....	Coolville
LeRoy, Bernard Reamy, Jr... .	A. B.	Jun.....	Athens
LeRoy, Bernard Reamy, Sr.. .	Special.....		Athens
LeRoy, Frank Coats.....	B. S.	Fresh.....	Athens
Leech, Laura Helen.....	A. B.	Jun.....	Athens
Leech, Mary Alice.....	A. B.	Soph.....	Los Angeles, Cal.
Leifheit, Mabel Lena.....	Music.. . . .	Soph.....	Pomeroy
Liggett, Clarence Carr.....	A. B.	Soph.....	Athens
Lim, Wee Kim.....	A. B.	Fresh.....	Bencoolen, Sumatra
Lineburg, Jesse Bruce.....	B. S.	Soph.....	Strasburg Va.
Liston, Eugenia May.....	Music.....		Portsmouth
Lively, Sarah Joanna.....	Music.....		Albany
Logan, Edward Wilson.....	Eng.	Fresh.....	Athens
Lott, Herman, Jr.	Eng.	Fresh.....	Bello Horizonte, Brazil
Love, Arthur Albert.....	Com'l.	Soph.....	Nelsonville
Lovell, Hazel Josephine.....	Com'l.		Glouster
Lowe, Bonnie Marie.....	Music.....		Quincy
Lowe, Florence Mabel... . . .	Special.....		Quincy
Lummis, Jacob Chauncey....	Eng.	Fresh.....	Hot Springs, S. Dak.
Lutes, Olin Silas.....	A. B.	Soph.....	Coal Center, Pa.
Lynn, Arthur Dellert.....	Eng.	Soph.....	Portsmouth

Name	Course	Rank	Address
McBee, Earl Edgar.....	A. B.	Jun	Athens
McCarty, Floyd.....	Music.....		Glouster
McCauley, Nelle.....	Music....	Fresh	Sutton, W. Va.
McCleery, Walter Scott.....	A. B.	Fresh.....	Lancaster
McConnell, Gilbert Franklin.	Eng.	Soph.....	Gnadenhutzen
McCoy, Wallace Walter.....	A. B.	Fresh.....	West Jefferson
McGinnis, Robert Daniel....	A. B. ..	Soph.....	Zanesville
McGowan, Nellie Catharine.	Music		Athens
McKay, Frederick Merrick...	A. B.	Sen.....	Stewart
McKee, Grosvenor Stewart..	Eng.....	Fresh....	Athens
McLaughlin, Henry Max.....	B. S.	Sen.....	Wilkesville
McLean, Alta Elizabeth.....	A. B.	Soph.....	North Bloomfield
McLeod, Constance Trueman	A. B. Music		Wyoming
McReynolds, Wilbur Reece..	A. B.	Jun.....	Columbus
McVay, Charles Don.....	A. B.	Sen.....	Athens
McVey, James Pryor, Ph. B..	Special.....		Athens
Maag, William Dovey.....	B. S.	Fresh.....	Chillicothe
Mann, Karl Burr	B. S.	Jun.....	Clyde
Mann, Samuel David.....	A. B.	Soph.....	Athens
Mariner, Daisy Belle.....	Com'l.....		Athens
Matthew, Harry Gardner. ...	Eng.	Soph	Lancaster
Mauck, Stanley Robert.....	M. B.	Fresh.....	Cheshire
May, Walter W.	Special.....		Circleville
Mercer, Gladys Lucile.....	A. B.	Fresh.....	Gambier
Mercer, Leslie Leonard.....	Music.....		Athens
Merkle, Robert.....	A. B.	Soph.....	Bourneville
Merwin, Addie Tullis.....	Music.....		Athens
Merwin, Margaret Blanche..	Music.....		Athens
Metcalf, James Henry	A. B.	Soph.....	Millersburg
Micklethwaite, Louise	A. B.	Sen.....	Portsmouth
Miller, Albert Edward.....	A. B.	Soph.....	East Liverpool
Miller, Benjamin Warren....	A. B.	Sen.....	Millwood, W. Va.
Miller, Fletcher McCoy.....	A. B.	Jun.....	Athens
Mills, Grover Cleveland.....	Com'l....	Fresh.....	Athens
Mills, Helen Mildred Jos'phne	Music.....		Athens
Mills, Lewis Herald.....	A. B.	Soph.....	Athens
Minear, Esta Lund.....	Com'l.....		Albany
Moler, Harley Edwin.....	A. B.	Fresh.....	Athens
Montgomery, John Alvin....	Eng.	Soph.....	Baltimore
Moore, Jo Alma.....	A. B.	Fresh.....	Athens
Moore, Florence Lucile	Music.....		Lancaster
Moore, Frederick Darrell....	A. B.	Soph.....	Athens
Moore, Marie Amanda.....	Music.....		Carrollton
Moore, Stella McGrath.....	Special.....		Athens
Morehead, Howard Franklin	Eng.	Fresh.....	Hamden
Morgan, Anna Pauline.....	Music.....		Murray
Morgan, Thomas Everett....	B. S.	Fresh.....	Jackson

Name	Course	Rank	Address
Morris, Dana Claire.....	Music.....		Athens
Morris, Frank Otto.....	Eng.....	Fresh.....	Albany
Morrow, Garnette Elizabeth	A. B.....	Fresh.....	Bartlett
Morton, Hamilton Emanuel	Eng.....	Fresh.....	Newton Falls
Morton, Rosa Creat.....	Music.....		Jacksonville
Moss, Estella May.....	Music.....	Fresh.....	Lancaster
Motz, Lester Leroy.....	Eng.....	Soph.....	Brice
Muntz, Earl Edward.....	A. B.....	Fresh.....	Athens
Murch, James De Forest....	A. B.....	Jun.....	Athens
Murray, Edward Cornelius..	B. S.....	Fresh.....	Cornieg
Nader, Edna Valentine.....	A. B.....	Soph.....	New Lexington
Neff, Perry Andrew.....	A. B.....	Soph.....	Dayton
Nelson, Marguerite Lucile..	Music.....		Nelsonville
Nesbitt, Hannah Mary.....	A. B.....	Soph.....	Bellaire
Newsome, James Earl.....	A. B.....	Fresh.....	Rendville
Nixon, John Newton.....	B. S.....	Jun.....	Bremen
Nye, Charles Edward.....	A. B.....	Soph.....	Athens
O'Rourke, Hannah.....	Music.....		Niles
O'Rourke, Marie Katherine..	A. B.....	Fresh.....	Warren
Oldham, Fred Wilson.....	Eng.....	Fresh.....	Bedford
Ott, Harry Wesley.....	A. B.....	Fresh.....	Frankfort
Pairan, Paul Edward.....	A. B.....	Soph.....	Lancaster
Palmer, Horace Dutton.....	Eng.....	Fresh.....	Athens
Parfitt, Blanche Ruby.....	Music.....		Athens
Parker, Adeline Davis.....	Music.....		Rutland
Parker, Edna Lucile.....	Music.....		Athens
Parker, May Margaret.....	Music.....		Athens
Parker, Sidney Lester.....	Eng.....	Jun.....	Athens
Parker, William Floyd.....	A. B.....	Fresh.....	Athens
Parry, Anna Gladys.....	Com'l.....		Jackson
Patton, Oma Jean.....	A. B.....	Soph.....	New Rumley
Paugh, Charles Thomas.....	B. S.....	Jun.....	Coolville
Pelley, Mary Vance.....	A. B.....	Soph.....	Mingo Junction
Penzickes, Constantine C....	Eng.....	Fresh.....	Nicosia, Cyprus
Peoples, Helen Foster.....	Music.....		Athens
Peoples, Mary Foster.....	Music.....		Athens
Perry, Hazel Lucile.....	A. B.....	Soph.....	Martin's Ferry
Peters, Harry Keith.....	Eng.....	Fresh.....	Toronto
Peters, Stuart Harris.....	A. B.....	Fresh.....	Mt. Gilead
Peterson, Theodore Carl....	Eng.....	Fresh.....	Lorain
Peugh, Earl Kemper.....	Eng.....	Soph.....	Glouster
Phillips, Adda Alderman....	Music.....		Athens
Phillips, Alice Alderman ..	Music.....		Athens
Phillips, Eleanor Primrose..	Music.....		Athens
Phillips, Helen Marie.....	A. B.....	Jun.....	Hornell, N. Y.
Pickering, Anna Katherine..	A. B.....	Sen.....	Athens
Pickering, Gertrude Gardner	A. B.....	Sen.....	Athens

Name	Course	Rank	Address
Pickering, James Theodore..	B. S.....	Jun.....	Athens
Pickering, Kenneth Harvey.	A. B.....	Fresh.....	Athens
Pierce, Caroline Carleton....	Special.....		Monmouth
Pierce, John Harley	A. B.....	Fresh.....	Shade
Pilcher, Leroy Washington..	Com'l....	Fresh.....	McArthur
Pilcher, Lois Teresa.....	A. B.....	Jun.....	McArthur
Pinney, Claud Charles.....	Special.....		Arcade, N. Y.
Plyley, Chauncey Ace.....	A. B.....	Sen.....	Washington, C. H.
Poling, Robert Burton.....	A. B.....	Fresh	Logan
Porter, Allie Goddard.....	Music.....		Chauncey
Porter, Julia Elizabeth.....	Music.....		Athens
Post, Harriet Grace.....	A. B.....	Jun.....	Washington C. H.
Post, Mary Hazel.....	A. B.....	Fresh.....	Washington C. H.
Powell, Newman Minnich. .	A. B	Jun.....	Coolville
Power, Eva Inez.....	A. B.....	Sen.....	Nelsonville
Price, Anna Klostermeier...	A. B.....	Jun	Athens
Price, John Henry.....	B. S.....	Soph.....	Athens
Pritchard, Charles Gilbert..	Com'l....	Fresh..	Nelsonville
Rambo, Florence Marie.....	A. B.....	Sen.....	Zanesville
Rambo, George Jefferson....	Music		Jacksonville
Rardin, Addie Marie.....	Music.....		Athens
Reed, Hazel Mae.....	Com'l....	Fresh.....	Piqua
Reeves, Chalmer H.....	Music.....		Athens
Reeves, Sally Alston.....	Special.....		Warren
Reeves, Wilbur David.....	Com'l....	Fresh.....	Athens
Reichelderfer, Gladys Ruth.	A. B.....	Soph.....	Kingston
Reinoehl, Earl Ralston.....	Eng.....	Fresh.	Massillon
Renshaw, Sam.....	A. B.....	Sen.....	Athens
Reynolds, Beneva Elizabeth	Music.....		Nelsonville
Rhodes, Clifford John.....	A. B.....	Fresh.....	Minersville
Richards, Besse Estelle....	Music.. ..		Gluster
Richards, Elsie Myrtle	A. B.....	Sen....	Kokomo, Ind.
Richardson, Charley Burr...	Eng.....	Fresh.....	Athens
Richardson, Grace Vida.....	Music.....		Athens
Richeson, Mary Grindle....	Com'l....	Fresh.....	St. Paris
Riley, Grace Lillian.....	Music.....		Athens
Riley, James Perry.....	A. B ..	Soph.....	Guysville
Riley, Mildred Ann.....	Music.....		Athens
Roach, Bernice Maude.....	Music.....		Athens
Roach, Clarence Wayne.....	Music		Athens
Roach, Edith Marie.....	Music.....		Athens
Roach, Hazel Putnam.....	A. B.....	Fresh.....	Athens
Roberts, Emmett Ephraim..	B. S. . .	Jun.....	McConnelsville
Robinson, Lillian Gonzalez..	Music		Athens
Rodgers, Emma Wilson.....	A. B.....	Soph.....	New Lexington
Rodgers, John Nelson.....	A. B.....	Soph.....	New Lexington
Rogers, Lynton Harold.....	Eng.....	Fresh.....	Lorain

Name	Course	Rank	Address
Romine, Glen Mutchler.....	B. S.....	Fresh.....	Athens
Ross, Donald A.....	Eng.....	Soph.....	Akron
Rosseter, Howard Monroe...	Com'l....	Soph.....	Athens
Roush, Helen Cornelia.....	Music.....		Athens
Rovner, Jacob.....	B. S.....	Fresh...	Cleveland
Rucker Robert Elliott.....	A. B....	Sen.....	Rappsburg
Rulon, Winifred Orea.....	A. B....	Fresh.....	Logan
Russell, Lewis Walter.....	Eng.....	Soph.....	Luther, Montana
Sakurai, Rinzo Matzu.....	A. B....	Fresh.....	Tokie, Japan
Sanford, Robert Mason.....	B. S.....	Fresh.....	Defiance
Sayre, Arthur Alan.....	A. B....	Eresh.....	Athens
Sayre, Edgar Weaver.....	Eng.....	Soph	Letart Falls
Schaeffler, Leo.....	B. S.....	Jun.....	Athens
Scheer, Nelle C.....	Music.....		Zaleski
Schloss, Belle Elizabeth....	A. B....	Jun.....	Athens
Scott, Emma Jane.....	Com'l....	Soph.....	Spencer, W. Va.
Scott, Susan Eleanor.....	Music.....		Athens
Secrest, William Jackson...	Eng.....	Fresh.....	Pleasant City
Seibel, Elmer Hermon.....	A. B....	Soph.....	Monroeville
Seward, Jay Emrie.....	Eng.....	Soph.....	Athens
Shafer, Lawrence Augustus..	A. B....	Fresh.....	Ahens
Sharp, William Thompson..	Eng.....	Fresh.....	Cadiz
Shepherd, Pauline Stooddy..	A. B....	Fresh.....	Cleveland
Sherman, George Leslie....	B. S.....	Sen.....	Athens
Shimansky, Harry Solomon..	B. S.....	Fresh.....	Nelsonville
Shively, Earl Cranston.....	A. B....	Soph.....	McArthur
Silcott, Gordon Raymond...	Com'l....	Soph	Nelsonville
Silvus, Effie.....	Music.....		Athens
Sines, Mabel Alice.....	Music.....		Nelsonville
Skinner, Getta.....	Music...	Fresh.....	Glouster
Slater, Rosa	Music.....		Hocking
Slaughter, Birdella Woodruff	Music....		Athens
Slutz, Dorothy Jane.....	Music.....		Athens
Smith, Albert Truman.....	A. B....	Sen.....	Big Plain
Smith, Carl Russell.....	Com'l....	Fresh.....	McArthur
Smith, Lena Violet.....	Music...	Soph....	Moundsville, W. Va.
Smith, Patsy	Music.....		Glouster
Smith, Sandy Alexander.....	Eng.....	Soph	Athens
Snyder, Earl Sidney	Com'l....	Soph.....	Edgerton
Souder, Ruth Serena.....	B. S.....	Fresh.....	Athens
Sprague, Allen Dent	A. B....	Fresh.....	Chauncey
Sprague, Edna McGrath	A. B....	Soph.....	Athens
Sprague, Lenore Adalene...	Music.....		Chauncey
Stalder, Margaret Ullom....	Music.....		Athens
Starr, Elma Vera.....	Music...	Soph.....	Athens
Stewart, Alfred William....	B. S.....	Sen.....	Portsmouth
Stewart, Carroll.....	A. B....	Sen.....	Athens

Name	Course	Rank	Address
Stewart, John	Eng.....	Fresh.....	Athens
Stickney, Bertha Stewart...	Com'l...	Soph.....	Athens
Stinchcomb, Judd Thomas ..	Special.....		Sycamore
Stonebraker, Cecil Stanton..	Special.....		Belmont
Strawn, Goldie May.....	Music		Athens
Stuart, George Washington..	A. B.....	Fresh.....	Nelsonville
Swank, Helen Armacost.....	Music.....		Murray
Swanson, Hester Sarelda ...	Music.....		Athens
Swartz, Lena Ada	A. B ...	Sen.....	McArthur
Swinehart, Ruth	Music.....		Athens
Tannahill, Ethel Beatrice ..	A. B.....	Fresh.....	Logan
Terwilliger, Leda Margh'retta	Special.....		Spirit Lake, Iowa
Tewksbury, Crescent Wm. ..	Eng.....	Fresh.....	Athens
Thomas, Deborah	Com'l.....		Crafton, Pa
Thomas, John Nelson.....	Eng.....	Fresh.....	Thurman
Thomas, Susan Mildred	A. B.....	Soph.....	Portsmouth
ThurLOW, Genevieve Baker ..	A. B.....	Fresh.....	Athen ^s
Tilley, Margaret L.....	Special.....		Traverse City, Mich.
Timms, Ezra Dowd.....	Eng.....	Fresh.....	Dundas
Trout, Marion.....	Special.....		Nelsonville
Tyree, Harold Burdick.....	Com'l.....	Fresh.....	Huntington, W. Va.
Ulmer, Fred Arthur.....	B. S.....	Soph	Athens
Upham, Chester Robert	Eng.....	Fresh.....	Mt. Vernon
Van Pelt, Wayne.....	A. B ...	Soph.....	Highland
Vianna, Luis de Lima.....	Eng.....	Soph	Minais Geraes, Brazil
Von Riethdorf, Frederick E..	Special.....		Athens
Wade, Lela Lurene.....	Com'l.....		Millfield
Wagner, Mary Emma.....	A. B.....	Jun.....	Dennison
Walden, Blanche Leota.....	A. B.....	Soph.....	Athens
Waller, Oscar Ermine.....	B. S ...	Fresh.....	Cumberland
Warner, Leslie Elliott.....	Eng.....	Soph.....	New Haven, Conn.
Warner, Nora Teresa.....	Music.....		Dundas
Warrener, Mary Estelle.....	A. B.....	Jun.....	Athens
Warrener, William John.....	Music.....		Athens
Watkins, Charles.....	Com'l.....		Luhrig
Weaver, Helen.....	Music.....		Racine
Webb, Carol Castor.....	Com'l...	Fresh.....	Albany
Webb, John Lester	Eng.....	Fresh.....	Carbon Hill.
Webster, Frances Elizabeth..	Music.....		Athens
Wee, Choonsean.....	Com'l.....		Padang, Sumatra.
Weinman, Caryl Auburn.....	Com'l		Columbus
Weist, Albert Harold.	A. B.....	Soph.....	Campbellstown
Wells, Alma Lucile.....	A. B.....	Fresh.....	Sharpsburg
Wendt, Ruth Lois.....	Music.....		Athens
Whiston, Wilbur Harry.....	A. B.....	Jun.....	Bremen
White, Lizzie Gertrude.....	Com'l.....		Athens
White, William C. Orr.....	A. B.....	Fresh.....	Stockport

Name	Course	Rank	Address
Wilkes, Inez Grace.....	Music..	.....	Chadbourne, N. C
Williams, Gwilym I.....	Eng....	Soph.....	Glouster
Williams, Isa Virginia.....	Special.....	.....	Athens
Williams, Mary M.....	Music.....	.....	Athens
Williams, Roger Eugene....	Music.....	.....	Athens
Williams, Winifred Lelia....	Special.....	.....	Athens
Willis, Gertrude.....	Music.....	.....	Nelsonville
Willis, Helen Bauhof.....	A. B....	Soph.....	Canton
Wilson, Carl Henry.....	B. S....	Jun.....	Conneaut
Wilson, Elva Ruth.....	A. B....	Jun.....	Washington C. H.
Wilson, Harry Clifford.....	A. B....	Jun.....	Athens
Wilson, Harry Reynolds....	Eng....	Soph..	New Martinsville, W. Va.
Winter, George Wilson.....	Com'l..	Soph.....	Crooksville
Winter, Hazel.....	A. B..	Fresh.....	Crooksville
Wolfe, Byron Armstrong....	A. B....	Fresh.....	Athens
Wood, Austin Vorhes.....	B. S....	Jun.....	Athens
Wood, Ernest Richard.....	A. B....	Fresh.....	Albany
Woods, Olah Angell Hooper.	Music.....	.....	Athens
Woolly, Cela Louise.....	Music.....	.....	Athens
Wyatt, Bessie Madge.....	Music.....	.....	Athens
Yoakem, Howard Haines....	B. S....	Fresh.....	Vigo
Young, Lola Lee.....	Com'l..	.....	Stout

STATE NORMAL COLLEGE

GRADUATE STUDENTS STUDYING FOR A DEGREE

Comstock, Joseph Hooker, A. B., B. S. in E.....	Athens
Kahler, Mary Engle, Ph. B., B. Ped.....	Athens
Lu, Mau Deh, B. S. in E.....	Shantung, China
McVay, Francis Halbert, B. S. in E.....	Athens
Sherman, Alice Louise, A. B., B. Ped.....	Wilmington
Wolcott, Marion, B. S. in E.....	Greenwich

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CLASS OF 1913

Atkinson, Zillah Fern, A. B	Zanesville
Blizzard, Alpheus W.....	Basil
Boyles, Ethel Vida.....	North Lewisburg
Clifton, John Leroy.....	Columbus
Comstock, Joseph Hooker, A. B.....	Athens
Coulter, Lewis Eldon.....	Oil City, Pa
Cranmer, Lucy Aretha.....	Athens
Dowd, Jennie Frances.....	McArthur
Gibson, Elza Goodspeed, Ph. B.....	Coolville
Grimes, John Odus.....	Athens
Hawk, Bessie Alice.....	Newcomerstown
Lu, Mau Deh.....	Shantung, China
McVay, Francis Halbert	Athens
Morton, Robert Lee.....	Brownsville
Ogan, Louise, A. B.....	McArthur
Ostermayer, Matilda.....	Canton
Pond, Walter Allen, A. B.....	Linworth
Richards, Edwards Ray, A. B.....	Zanesville
Ricketts, Carrie Edith.....	Sugar Grove
Riley, Walter Emmett.....	Athens
Rogers, Thomas H.....	Mason
Root, Alexander.....	Frost
Rounds, Charles Rufus.....	Cincinnati
Smith, Thomas Maynard, Ph. B.....	Zanesville
Spohn, Burrell Blakeney.....	Athens
Stage, William Addison.....	Lancaster
Van Dyke, Stella May, A. B.....	Athens
Van Winkle, Edwin C.....	Cincinnati
Walls, Callie King, B. S.....	Cincinnati
Wenrick, Key Elizabeth.....	Canton
Wolcott, Marion.....	Greenwich
Young, Harry Curtis.....	Millersburg

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UNDER GRADUATES

Name	Rank	Address
Aber, Nina Conner	Jun.	Athens
Aiken, Edyth Caroline	Soph.	Jewett
Albert, Louise M.	Fresh.	Youngstown
Albright, Grace Mabel	Special.	Athens
Andrews, Florence Eva	Soph.	Glouster
Archer, Angie	Fresh.	McConnelsville
Armstrong, Ruth	Soph.	Logan
Armstrong, Violet Jeannette	Fresh.	Laurelville
Arnold, Lillian Diana	Fresh.	Youngstown
Bacon, Isabella Eliza	Soph.	Kinsman
Bailey, Laura Belle	Jun.	Athens
Baird, Don Otto	Special.	Wilmington
Baker, Esther Viola	Soph.	Amherst
Baker, Lillian Virginia	Soph.	Amherst
Baldwin, Gladys	Fresh.	Swifts
Ball, Ethel May	Special.	Hocking
Balliett, Nora Belle	Fresh.	New Philadelphia
Barcroft, Frances Marion	Fresh.	Newcomerstown
Barnes, Lenora Esther	Special.	Radcliffe
Barnett, Leonard	Fresh.	Fleming
Barrett, Veda Marie	Fresh.	Barnesville
Barrows, Goldie Irene	Fresh.	Marietta
Bateman, Grace	Jun.	Frederickstown
Baum, Effie Brown	Soph.	Bourneville
Bay, Josephine Elizabeth	Fresh.	New Plymouth
Bayley, Annia May	Fresh.	Elyria
Bay, Helen Swern	Soph.	Cumberland
Bean, Fannie Cozette	Special.	Athens
Bean, George Clyde	Fresh.	Albany
Bean, Nellie Dora	Special.	Federal Creek
Beckley, Carrie Ethel	Soph.	McArthur
Benedict, Bess Mae	Soph.	Greenwich
Biedel, Grace Mayfred	Soph.	Watertown
Bishop, Lena Marie	Soph.	North Lewisburg
Blumenthal, William Raphael	Sen.	Cleveland
Borchers, Dena V.	Fresh.	Rockford
Bouts, John Harry	Fresh.	South Webster
Boyer, Edna Elizabeth	Fresh.	Pickerington
Brackin, Margaret Frances	Fresh.	Kinsman
Breyfogle, Myrtle Belle	Fresh.	Athens
Brison, Maud Lauretta	Soph.	West Gore, N. S.
Brough, Gladys Irwin	Fresh.	Cadiz
Brough, Kathryn Irene	Fresh.	Rocky Ridge
Brown, Florence Marie	Soph.	Jackson
Brown, Rose Ora	Soph.	Kelly's Island

Name	Rank	Address
Browning, Nina Mae.....	Soph.....	Steubenville
Brunner, Ruth Emily.....	Fresh.....	Uhrichsville
Buchanan, Edith Amanda.....	Jun.....	Basil
Buchanan, Phoebe Elizabeth.....	Special.....	Woodsfield
Bullock, Helen Mary.....	Fresh.....	Cadiz
Buxton, Bertha Edith.....	Soph.....	Athens
Bye, Mary Lenore.....	Soph.....	Negley
Calvin, Margaret Belle.....	Soph.....	Hamden
Carnahan, Fannie Elizabeth.....	Fresh.....	Dayton
Carter, Ethel Marie.....	Soph.....	Nelsonville
Caster, Lovina.....	Special.....	Carpenter
Cattell, Lurena Marjorie.....	Sen.....	Mt. Pleasant
Chase, Mae Weltha.....	Soph.....	Mingo Junction
Christman, Gladys Fantine.....	Soph.....	Waterville
Christman, Jacob Branch.....	Special.....	Athens
Clark, Florence Mildred.....	Fresh.....	Sugar Grove
Clark, Frances Etta.....	Special.....	Kimbalton
Clark, Leona Elizabeth.....	Soph.....	Chicago, O.
Clarke, Mary Evangeline.....	Fresh.....	Cadiz
Clem, Isabel.....	Fresh.....	Newark
Clifford, Isabelle Ethel.....	Fresh.....	Cadiz
Clohs, Cora May.....	Jun.....	Marietta
Cochran, Fannie Helena.....	Jun.....	Dresden
Coe, Mabel Mae.....	Fresh.....	Albany
Cole, Gladys Blanche.....	Fresh.....	Hartville
Coleman, Helen Louise.....	Jun.....	Rainsboro
Coleman, Mabel Bertine.....	Fresh.....	Athens
Colley, Clara Celia.....	Soph.....	Freeport
Collins, Anastasia Teresa.....	Soph.....	Athens
Collins, Mary Jane.....	Fresh.....	Washington C. H.
Connett, Elizabeth Brown.....	Soph.....	Athens
Cooper, Edna Catherine.....	Soph.....	Youngstown
Copeland, Nancy Louisa.....	Fresh.....	Cadiz
Copeland, Nelle Elizabeth.....	Jun.....	Athens
Corner, Dayton Orrin.....	Soph.....	Waterford
Corwin, Elma Rebecca.....	Fresh.....	Lancaster
Coultrap, Anna Marie.....	Fresh.....	McArthur
Covert, Ruth Elizabeth.....	Fresh.....	Syracuse
Cox, Jennie.....	Fresh.....	New Martinsville, W. Va.
Cox, Sarah Anne.....	Soph.....	Chillicothe
Crile, Helen Hoetler.....	Fresh.....	Fresno
Crooks, Hazel Marie.....	Soph.....	Grove City
Cross, Bonnie Prudence.....	Soph.....	North Baltimore
Cunningham, Mabel Katurah.....	Fresh.....	Steubenville
Curry, Bess Todd.....	Soph.....	Columbus
Curry, Edith.....	Soph.....	East Palestine
Curtis, Olive Matilda.....	Fresh.....	Chagrin Falls

Name	Rank	Address
Danford, Gladys Allen.....	Jun.....	Glouster
Danford, Merle Elizabeth.....	Fresh.....	Trimble
Davidson, Bess Arcada.....	Soph.....	Snmmerfield
Davis, Kathryn Grace.....	Soph.....	Youngstown
Davis, Lena Elizabeth.....	Fresh.....	Glouster
DeGraft, Glen Morgan.....	Fresh.....	Bradner
DeLancey, Elsie Eleta.....	Fresh.....	Shiloh
De Vore, Mary Mildred..	Fresh.....	Nelsonville
Dill, Karl W.....	Special.....	Pemberton
Dinsmoor, Constance Faye.....	Fresh.....	Shade
Dodds, Marie Louise.....	Soph.....	Cleveland
Donaldson, Arthur Earl.....	Special.....	Athens
Drake, Goldie Jean.....	Soph.....	Athens
Duncan, Helen Evelyn.....	Fresh.....	Chicago Junction
Durigg, Jacob Lee.....	Special.....	Armstrong's Mills
Eaton, Charlotte Mercedes.....	Fresh.....	Circleville
Ebersbach, Alice Louise.....	Fresh.....	Pomeroy
Ebersbach, Florence Josephine.....	Fresh.....	Pomeroy
Eby, Mary Floy.....	Fresh.....	Ashland
Eddy, Mildred Arline.....	Soph.....	Athens
Edwards, Helen Estelle.....	Fresh.....	Ashtabula
Elhoff, Lena C.....	Special.....	Stockdale
Emery, Annetta Fay.....	Fresh.....	Newark
Entsminger, Elsie.....	Soph.....	Middleport
Everett, Stella Mae.....	Soph.....	La Rue
Ewers, Lela Arminda.....	Soph.....	Fredericktown
Fawcett, Shirley Minerva.....	Soph.....	Wellsville
Finsterwald, Nellie.....	Special.....	Athens
Fishel, Florence Beryl.....	Sen.....	Pleasant City
Fisher, Charles Richard.....	Soph.....	Athens
Fisher, D. Marguerite.....	Soph.....	Warren
Fleming, Maud Alice.....	Soph.....	Geneva
Floyd, Clara Mae.....	Soph.....	Lancaster
Floyd, Kathleen Elizabeth.....	Fresh.....	Lancaster
Flynn, Rhea Kirby.....	Fresh.....	New Philadelphia
Foltz, Laura Edith.....	Fresh.....	North Baltimore
Forbes, Jennie Allison.....	Fresh.....	Put-in-Bay
Foutch, Viola Frances.....	Fresh.....	Athens
Fox, Marguerite Josephine.....	Fresh.....	Smithfield
French, Cora Elizabeth.....	Fresh.....	Dorest
Friedel, Elmer Kirk.....	Jun.....	Meeina
Frost, Leah Lucile.....	Fresh.....	Marietta
Fry, Mary Mabel.....	Fresh.....	Fremont
Frye, Lola Belle Chester.....	Fresh.....	Athens
Fulks, Ben Floyd.....	Special.....	Dresden
Fuller, Roland Andrew.....	Fresh.....	Columbus
Garber, Elizabeth Gertrude.....	Soph.....	Bellville

Name	Rank	Address
Gaskill, Pearley.....	Sen.....	Athens
Gifford, Clara May ...	Fresh.....	Beckett
Gillespie, Lelia Catherine	Soph.....	Lancaster
Gillilan, Ruth Clare.....	Fresh.....	Salt Lake, Utah
Ginnan, Mary Ellen.....	Jun.....	Athens
Goddard, Helen Lane	Fresh.....	Amesville
Gotshall, Pearl Louise	Special.....	Jewett
Grafton, Winifred James.....	Soph.....	Adena
Greisheimer, Essie Maud.....	Sen.....	Chillicothe
Griffin, Hazel May ...	Fresh.....	Alfred
Gross, Haidee Coral.....	Soph.....	West Liberty
Grover, Maria Rome.....	Fresh.....	Albany
Grueser, Freda Rosena	Special.....	Minersville
Guthery, Avis Marie.....	Soph.....	La Rue
Guthery, Louis Mayme.....	Soph.....	La Rue
Haight, Mabel.....	Fresh.....	Goshen
Hall, Lua	Fresh.....	Andover
Hall, Margaret.....	Special.....	Proctor, W. Va.
Hall, Ruth Eleanor.....	Soph.....	Pierpont
Halsema, Elizabeth Agnes.....	Soph.....	New Bremen
Halt, Louise Fredericka.....	Soph.....	Youngstown
Hampton, Roxy May.....	Special.....	Nelsonville
Haptonstall, Eva Alma	Fresh.....	Middleport
Harden, Carrie Ellen	Jun.....	Dennison
Hardin, Winifred Daisy.....	Soph.....	Gambier
Harris, Alice Glenna.....	Fresh.....	Bailey, Mich.
Harrod, Esther Lillian.....	Soph.....	South Charleston
Harrod, Florence Ada.....	Soph.....	South Charleston
Hayes, Everett Raymond.....	Fresh.....	Guysville
Hayes, Florence.	Special.....	Langsville
Hayes, Winifred Alice	Fresh.....	Guysville
Heald, Hattie Estelle	Soph.....	Cutler
Hedges, Effie Harper.....	Jun.....	Cadiz
Henke, Nita Cecile... ..	Jun.....	Athens
Herb, Margaret Grace.....	Soph.....	Steubenville
Herbert, Katherine Anne.....	Soph.....	Cleveland
Hesse, Edna Fern.....	Soph.....	Roseville
Hewitt, Estella Faye.....	Sen.....	New Marshfield
Heyner, Mildred Clair.....	Fresh.....	Cleveland
Hickox, Edna Eliza ...	Soph.....	Novelty
Hite, Ada Florence.....	Fresh.....	Thornville
Hite, Mary Ruth.....	Fresh.....	Marietta
Hizey, Alice Carey.. ..	Fresh.....	Pickerington
Hoak, Hazel.....	Special.....	Carbondale
Hoffert, Ruth Florence.....	Fresh.....	Bradford
Hoge, Ermine Blanche.	Soph.....	Bethesda
Hollingshead, Nellie May.....	Special.....	Jackson

Name	Rank	Address
Hoover, Mary.....	Soph.....	Middlebranch
Hoover, Sylvia.....	Soph.....	Middlebranch
Horton, Eunice Adeline.....	Soph.....	Lockwood
Horton, Minnie Helena.....	Jun.....	Lockwood
Hughes, Charles Clarence.....	Special.....	Vinton
Humphrey, Iva May.....	Soph.....	Waterford
Hunt, Hazel Elizabeth.....	Sen.....	Somerset
Hunt, Helen Elizabeth.....	Soph.....	Warren
Hupp James Lloyd.....	Special.....	Hemlock
Hutchinson, Calvin Clyde.....	Special	Logan
Jackson, Frederick Augustus.....	Soph.....	Woodsfield
James, Margaretta Elizabeth.....	Soph.....	Steubenville
Jenks, Stella Mason.....	Special.....	Vigo
Johnston, Reed Seth.....	Soph.....	Athens
Jones, Ann Matilda....	Jun.....	Canton
Jones, Anna Maude.....	Soph.....	Jackson
Jones, Earl Leslie.....	Jun.....	Nelsonville
Jones, Katherine.....	Special.....	Crooksville
Jones, Ruth Elizabeth.....	Soph.....	South Charleston
Jordan, Stanley L.....	Special.....	Hillsboro
Karr, Edna Juliet.....	Soph.....	Kinsman
Katzenbach, Lucy Marie.....	Fresh.....	Nelsonville
Keely, Edna Rosetta.....	Fresh.....	Lancaster
Kelly, Margaret.....	Special.....	St. Marys
Kimble, Edna Blanche.....	Fresh.....	Steubenville
King, Dana M.....	Special	Glenford
King, Edward Riley.....	Sen.....	Creola
King, Martha Lee.....	Soph.....	Marietta
Kinsel, Fred Ernest.....	Special.....	Wellston
Kinsey, Bertha Lee.....	Soph.....	New Philadelphia
Kirkbride, Wanda Marguerite.....	Soph.....	New Matamoras
Kiser, Mary Arvesta.....	Soph.....	Piqua
Knoll, Elsie Leota.....	Jun.....	Alliance
Knoll, Zella Elizabeth.....	Sen.....	Alliance
Krapps, Zelma Katherine.....	Jun.....	Athens
Kumler, Nettie Elizabeth.....	Fresh.....	Baltimore
Lane, Wilma.....	Fresh.....	Cambridge
Lange, Mayme Martha.....	Fresh.....	Salineville
Lash, Faye Ardelle.....	Fresh.....	Athens
Lavine, Anna Claire.....	Soph.....	Steubenville
Lawton, Helen Elizabeth.....	Special.....	Barlow
Lee, Estella Clarissa.....	Fresh.....	Athens
Lee, Velma.....	Soph.....	Greenwich
Lehman, Samuel George.....	Soph.....	Ney
Lewis, Lu Bernice.....	Soph.....	Rushville
Leydorf, Clara Catherine.....	Fresh.....	Perrysburg
Liddell, Mary Iras.....	Soph	Shiloh

Name	Rank	Address
Liggett, Laura Fern.....	Fresh.....	Leesville
Linville, Josuha Carl	Soph.....	Junction City
Little, Esther Ellen	Fresh.....	Black Run
Livingston, Lena.....	Soph	Hamersville
Long, Blanche Lois	Soph.....	Mt. Vernon
Long, Bernice Olive.....	Soph.....	Mt. Vernon
Loofourrow, Christine Marie.....	Fresh.....	Mt. Sterling
Lortz, Jessie Hazel.....	Fresh.....	Amesville
Lowry, Rena Ruth	Jun.....	Zanesville
Luntz, Nelle Marie.....	Soph.....	Steubenville
Lyle, Joseph Wilson	Sen.....	Cincinnati
McAuslan, Frances May.....	Fresh....	East Hampton, Mass.
McCarroll, Gertrude Rose	Soph	Steubenville
McClure, Harriet Clendenin.....	Special.....	Allensville
McCormick, Jesta Nelle	Fresh.....	Athens
McCulloch, Josephine Eugenia.....	Fresh.....	Fremont
McCurdy, Ethel Marie	Special.....	Coshocton
McFarland, Christina Isabel.....	Fresh.....	Warren
McGugin, Julia Merle.....	Soph.....	Mt. Vernon
McKelvey, Augusta Bess.....	Soph.....	Fredericksburg
McLaughlin, George Evert.....	Sen.....	Athens
McNaughton, James Edgar... ..	Sen.....	South Webster
McNeal, Mary Olive.....	Fresh.....	Waterford
Magrew, Pearle Burnham.....	Soph.....	Magrew
Mardis, Myrtle.....	Soph.....	Columbus
Mariner, Genevieve.....	Soph.....	Youngstown
Martin, Mary Ruth.	Fresh.....	Cleveland
Martin, Peter Elwyn.....	Fresh.....	Worthington
Martin, Roscoe Everett.....	Fresh.....	Sardinia
Mast, Cora Elma	Jun.....	Zanesville
Maze, Esther Gertrude.....	Fresh.....	Nelsonville
Meikle, Elsie Mae.....	Soph.....	Kinsman
Merrill, Lucia Ellen.....	Special.....	Andover
Merry, Susan Isabella.....	Soph.....	Caldwell
Middleton, Genevieve Virginia.....	Fresh.....	Middleport
Miller, Ethel Ida.....	Special.....	Langsville
Miller, Frances Mary.....	Soph.....	Kelley's Island
Miller, Helen Elizabeth.....	Soph.....	Mingo Junction
Miller, Irene Mary.....	Fresh.....	Green Spring
Miller, Mildred Annette.....	Fresh.....	Millersport
Miller, Nellie Blanche.....	Fresh.....	Baltimore
Miller, Ruby R.....	Fresh.....	Lancaster
Mills, Amanda Jane.....	Fresh.....	Toronto
Moffitt, Lulu Faye.....	Fresh.....	Mt. Vernon
Moore, Enned May	Special.....	Cumberland
Moore, Frances Elizabeth	Fresh.....	Carrollton
Moore, Ila Winifred.....	Fresh.....	Atlanta

Name	Rank	Address
Moore, Irvie Meechem.....	Fresh.....	Byesville
Morris, Edward Armstrong.....	Soph.....	Highland
Morris, Harry Lee.....	Fresh.....	Mt. Sterling
Morris, Helen.....	Fresh.....	Cutler
Morris, Nellie Abigail.....	Fresh.....	Magrew
Moskoffian, John Gregory.....	Jun.....	Sibas, Armenia
Mullane, Bess.....	Soph.....	Youngstown
Murphy, Marian Elizabeth.....	Fresh.....	Steubenville
Myers, Ethel.....	Fresh.....	Green Springs
Naylor, Lucile.....	Fresh.....	Malta
Neer, Lucile Francina.....	Fresh.....	Forgy
Nelson, Alice Gertrude.....	Soph.....	Bellaire
Nelson, Florence Elizabeth.....	Soph.....	Athens
Nesbitt, Mabel Allyne.....	Soph.....	Grafton
Newman, Autye Mae.....	Special.....	Hamden
Nicholson, Dwight Rogers.....	Fresh.....	Byesville
Nutt, Helen Alma.....	Fresh.....	Chardon
O'Connor, Anna.....	Special.....	Athens
O'Connor, Gertrude, A. B.....	Sen.....	Stewart
O'Connor, Mary.....	Fresh.....	Athens
O'Rourke, Sarah.....	Soph.....	Warren
Orr, Esther Elizabeth.....	Fresh.....	Xenia
Osborne, Elva Faye.....	Soph.....	Huron
Park, Mary Edith.....	Soph.....	Warren
Parsons, John Cassius.....	Fresh.....	Phoneton
Patterson, Carrie Vyde.....	Special.....	Wellston
Patterson, Gladys Genevieve.....	Fresh.....	Wellston
Patterson, Lena Estelle, A. B.....	Special.....	Athens
Paullin, Martha Henrietta.....	Fresh.....	Sedalia
Pearce, Lois Gail.....	Fresh.....	McArthur
Pease, Carrie De Ette.....	Soph.....	Wellington
Penrose, Viola Mae.....	Fresh.....	Pennsville
Perry, Louise Rebecca.....	Special.....	Nelsonville
Peters, Edith McKnight.....	Soph.....	Mt. Gilead
Petty, Blanche.....	Jun.....	Rockland
Phillips, Mary Leah.....	Soph.....	Athens
Pickett, Helen Emma.....	Jun.....	Athens
Pilcher, Ada Rebecca.....	Jun.....	McArthur
Pipes, Mabelle Forest.....	Soph.....	Fulton
Pittinger, Margaret Grace.....	Soph.....	Toronto
Polk, Julia Mooreman.....	Soph.....	New Vienna
Porter, Anna Laura.....	Soph.....	Plattsburg
Potts, Carl Grady.....	Jun.....	Athens
Potts, Clarence McNatt.....	Fresh.....	Athens
Price, Katherine Estella.....	Special.....	Athens
Putnam, Susan Mildred.....	Soph.....	Athens
Pyers, Bessie.....	Fresh.....	Athens

Name	Rank	Address
Pyers, Grace.....	Fresh.....	Athens
Rang, Lavina Mary.....	Soph.....	Chicago Junction
Rang, Miriam Viola.....	Fresh.....	Chicago Junction
Rauschenberg, Stella Anna.....	Special.....	Bridgeport
Reeves, Mary Alston.....	Fresh.....	Warren
Reeves, Mary Elizabeth.....	Soph.....	New Burlington
Reeves, Olive Marie.....	Fresh.....	Shade
Reifinger, Helen Elizabeth.....	Fresh.....	Youngstown
Reisling, Susanna Ferguson.....	Jun.....	Mingo Junction
Reiter, Lula Wilhelmina.....	Soph.....	Marietta
Richeson, Marian Cromwell.....	Fresh.....	Athens
Rife, Natalie Rebecca.....	Fresh.....	Stoutsville
Riggs, Ada Graham.....	Fresh.....	Senecaville
Risdon, Nellie Blanche.....	Fresh.....	Steubenville
Robens, Olive Alexander.....	Soph.....	Chagrin Falls
Roberts, Olive Jane.....	Soph.....	Sidney
Robinson, Anna Elizabeth.....	Sen.....	Newark
Robinson, Blanche.....	Soph.....	Bidwell
Romig, Ruth Lucile.....	Soph.....	Uhrichsville
Rood, Orrell Louisa.....	Soph.....	Chagrin Falls
Rossell, Olive Elizabeth.....	Fresh.....	East Palestine
Rounds, Joseph Stuart.....	Fresh.....	Lancaster
Rupert, Carl Schurz.....	Special.....	Jackson
Russell, Greta Mildred.....	Fresh.....	Pomeroy
Ruth, Clifford Everett.....	Fresh.....	Athens
Rutledge, Ethel Cora.....	Jun.....	Athens
Rutledge, Mayme Lizbeth.....	Soph.....	Athens
Saylor Esther Garnet.....	Special.....	Athens
Schleicher, Henrietta Moorehead.....	Soph.....	Lancaster
Schleicher, Mary Magdalene.....	Fresh.....	Lancaster
Schmeltz, Esther Annie.....	Fresh.....	Rockyridge
Secoy, Ina Leona.....	Soph.....	Athens
Seeman' Ethel Olive.....	Soph.....	Hartville
Severns, Edna Mildred.....	Fresh.....	Mt. Vernon
Sewell, Esther.....	Special.....	Athens
Shafer, Samuel Sullivan.....	Jun.....	Athens
Sharp, Helen Crew.....	Fresh.....	Cadiz
Sharp, Ruth Elizabeth.....	Fresh.....	Lancaster
Sheldon, Jessye Dee.....	Fresh.....	Waterford
Shilling, Mary Leora.....	Fresh.....	McConnelsville
Shipley, Mary Ursel.....	Fresh.....	Atlanta
Shott, Vivian Richards.....	Soph.....	New Philadelphia
Shuman, Mary Ethel.....	Sen.....	Sherodsville
Sigler, Adah Ellen.....	Soph.....	Cortland
Skinner, Charles Edward.....	Sen.....	Newark
Skinner, Faye Lulu.....	Fresh.....	Newark
Slaughter, Jessie Hannah.....	Fresh.....	Sedalia

Name	Rank	Address
Slone, Lois Mildred.....	Fresh.....	Alexandria, Ind.
Smedley, Margaret Gertrude.....	Soph.....	Youngstown
Smith, Eva Marie.....	Soph.....	Athens
Snow, Ethel May.....	Fresh.....	Mt. Vernon
Southard, Florence Ethel.....	Fresh.....	West Mansfield
Spencer, Alice E.....	Special.....	Zanesville
Spracklen, Arloa Janiza.....	Soph.....	Kenton
Sprowl, Zoe Lenore.....	Soph.....	Huron
Steele, Alice Blanche.....	Soph.....	Columbus
Stevens, Frances Folsom.....	Soph.....	Newark
Stewart, Bessie Maud.....	Soph.....	Creston, W. Va.
Stewart, Mary Agnes.....	Special.....	Athens
Stimson, Hazel Sophia.....	Fresh.....	Chardon
Stokes, Nellie Faye.....	Special.....	Pennsville
Stouder, Lora Vida.....	Fresh.....	Goshen
Strausbaugh, Elsie Mae.....	Soph.....	Cadiz
Strong, Jessie Belle.....	Soph.....	Frederickstown
Strong, Ola Adelaide.....	Soph.....	Berlin Center
Sutphen, Helen Marie.....	Special.....	Thurston
Swan, Basha Edna.....	Soph.....	Athens
Swartz, Clara Bernice.....	Fresh.....	McArthur
Talbott, Jean Elizabeth.....	Fresh.....	Chillicothe
Templer, May.....	Sen.....	Belpre
Thomas, Anna Belle.....	Soph.....	Cumberland
Thomas, Della Lee.....	Fresh.....	Kirkersville
Thomas, Gladys Ione.....	Soph.....	Chesterhill
Thomas, Nettie.....	Jun.....	Kirkersville
Thomas, Ruth Christina.....	Fresh.....	New Holland
Thompson, Bert M.....	Sen.....	Byesville
Tom, Fred Lee.....	Jun.....	New Concord
Touchman, Lottie Amelia.....	Fresh.....	Piqua
Tresham, Jessie May.....	Sen.....	Harrisville
Treudley, Ruth, A. B.....	Special.....	Athens
Tyler, Miriam Virginia.....	Special.....	Clarrington
Tull, Elizabeth Ann.....	Fresh.....	Chillicothe
Valentine, Mary Winifred.....	Soph.....	Lancaster
Van Arsdale, Zoe.....	Fresh.....	La Rue
Van Dorn, Lena Matilda.....	Soph.....	Pataskala
Van Tilburg, Gladys Esther.....	Special.....	Empire
Van Valey, Gladys Lucile.....	Soph.....	Athens
Verity, Jeannette Virginia.....	Fresh.....	Nelsonville
Vester, Clara Elizabeth.....	Special.....	Chillicothe
Vincent, Elsie Vere.....	Soph.....	Van Wert
Wade, Ilda Marie.....	Soph.....	Cleveland
Waggoner, Clada Ruth.....	Fresh.....	Jewett
Walker, Jessie Murray.....	Soph.....	Zanesville
Walpole, Branson Alva.....	Soph.....	Malta

Name	Rank	Address
Ward, Effie Stevenson	Special.....	Athens
Ward, Mary	Soph.....	Athens
Wardell, Mabel Estelle.....	Fresh.....	Uhrichsville
Ware, Anna Marie.....	Soph.....	Frankfort
Warner, Mary Eva	Soph.....	Andover
Warner, Mary Lavinia.....	Fresh.....	Dundas
Watson, Carrie Mae.....	Fresh.....	Athens
Weber, Maude Antoinette.....	Soph.....	Dexter City
Weekley, Bertha Leota.....	Special.....	Armstrong's Mills
Welch, Ruth Harriet.....	Fresh.....	Norwalk
Werner, Margaret Henrietta.....	Fresh.....	Cleveland
West, Mary Annis.....	Fresh.....	Bainbridge
Wharff, Edna May.....	Special.....	Stewart
White, Elize Lorena....	Soph.....	Chandlersville
White, Joseph Cook... ..	Soph.....	New Concord
White, Mary Louanna	Fresh.....	Chandlersville
Whitlock, Florence Ethel.....	Special.....	Chardon
Whitsey, Edna Alice.....	Soph.....	Put in Bay
Whittlesey, Nola Cole.....	Soph.....	Atwater
Wiley, Nathaniel.....	Sen.....	Kimball, W. Va.
Wilkes, Ernest Constantine, A. B.....	Special.....	Athens
Wilkes, Marie Carsonia.....	Fresh.....	Athens
Willerton, Mabel Arella.....	Soph.....	Bellaire
Willerton, Nettie Elizabeth.....	Fresh.....	Bellaire
Williams, Edith Chenoweth.....	Fresh.....	New Cumberland, W. Va.
Williams, Verda Elminta.....	Soph.....	East Liberty
Williams, Wilbur Milton.....	Special.....	Plainfield
Willis, Irma.	Soph.....	Canton
Willis, Zoe.....	Soph.....	Wellston
Winters, Frances Alice.....	Soph.....	Athens
Wonders, Jessie May.....	Soph.....	Warren
Wood, Cary C.....	Sen.....	Highland
Wright, Olivia Adeline... ..	Fresh.....	Logan
Wyeth, Cleo Dee.....	Soph.....	Johnstown

STATE PREPARATORY SCHOOL

All students taking work leading to collegiate courses are enrolled here.

Name	Year	Address
Addicott, Cora Elizabeth.....	Second.....	Williamsfield
Adrian, Emma.....	Second.....	Bloomingtondale
Albright, Edward Emil.....	Fourth.....	Athens
Applegate, Vesta.....	Fourth.....	Goshen
Armstrong, Clarence Edward.....	Second.....	Bellville
Balderson, Mary Emily.....	Fourth.....	Amesville
Baughman, Eva Ruth.....	Third.....	New Marshfield
Baughman, Everett.....	Third.....	New Marshfield
Bean, Luta Lucile.....	Fourth.....	Guysville
Bell, Arl Mary.....	Fourth.....	Athens
Bender, Jacob Roy.....	Third.....	Uhrichsville
Blackwood, Faye Fern.....	Fourth.....	Coolville
Bobo, Ethel Frances.....	Third.....	Athens
Brandom, Maree Abbie.....	Second.....	Kansas City, Mo.
Brettell, Elizabeth.....	Fourth.....	Mingo Junction
Brown, Iscah May.....	Second.....	Agosta
Brown, Mabel Lucile.....	Fourth.....	Agosta
Burns, Dana Thurlow.....	Second.....	Guysville
Burson, Walter Coe.....	Third.....	Athens
Cagg, Miles Herbert.....	Fourth.....	Nelsonville
Caldwell, John Henry.....	Third.....	Guysville
Calhoon, William James.....	Third.....	Crooksville
Carothers, Helen Hannah.....	Fourth.....	Cutler
Chapman, George Lawrence.....	Fourth.....	Zanesville
Chapman, Tracy Ellen.....	Third.....	Coolville
Charles, Sylvanus Evan.....	Second.....	Webb Summit
Chase, Don Edwin.....	Fourth.....	Athens
Chubb, Catherine Downer.....	Fourth.....	Athens
Clark, Wooster Thomas.....	Third.....	Steubenville
Clendenin, William Everett.....	Fourth.....	Monday
Craig, George Ludlow.....	Second.....	Wallingford, Conn.
Cranmer, Clarence Edward.....	Third.....	Athens
Crumley, Martha Mildred.....	Third.....	Athens
Cullum, William Price.....	First.....	Athens
Davis, Bruce Watts.....	Second.....	Somerset
Davis, Chester Francis.....	Fourth.....	Glouster
Davis, M. Oscar.....	Second.....	Trimble
Davis, Maye A.....	Third.....	Blazer
Davis, Rachel.....	Second.....	Gallia
Davis, Russell Harley.....	Second.....	Somerset

Name	Year	Address
Denny, Eva Edith.....	Second.....	Lancaster
Dinsmoor, Gwendolyn.....	Fourth.....	Corbondale
Donley, Gerard Vernon.....	Third.....	Nelsonville
Donovan, John Paul.....	Second.....	Chillicothe
Dunlap, Paul Mendell.....	First.....	Cadiz
Floyd, Ada Leota.....	Second.....	Athens
Floyd, Homer Samuel.....	Fourth.....	South Perry
Floyd, Leafy Gretelle.....	Second.....	Athens
Fluke, Edna Lucile.....	Third.....	Nankin
Francisco, Boyd Edward.....	Third.....	Rockbridge
Frantz, Guy L.....	Second.....	Lisbon
Garvin, Thomas Edgar.....	Third.....	Evansville, Ind.
Gibbs, Jeannette Leone.....	Fourth.....	Jacksonville
Gibson, Florence E.....	Second.....	Toledo
Goddard, Charles Curtis.....	Second.....	Cutler
Goddard, Harry Hull.....	Fourth.....	Cutler
Goddard, John Rodney.....	Fourth.....	Amesville
Graves, Harold Charles.....	Third.....	Anderson
Gregory, Norma Lidora.....	Second.....	Zaleski
Griffin, Homer Glenn.....	Fourth.....	Sherrodsville
Griffith, Jesse Eugene.....	First.....	Hillsboro
Grimes, Loren Ervin.....	Fourth.....	Cumberland
Hale, Charles Cunningham.....	Second.....	McConnelsville
Hall, Jesse Charles.....	Third.....	Glouster
Hamilton, Martha Thelma.....	Third.....	New Marshfield
Hart, Virrel Miles.....	Fourth.....	Cambridge
Higley, Brewster Shott.....	Fourth.....	Athens
Hill, Clyde Gilman.....	Fourth.....	Wheeling, W. Va.
Holle, Laura Edmona.....	Second.....	Scio
Holle, Reta Rebecca.....	Second.....	Scio
Hoopman, Hallie Belle.....	Fourth.....	Black Lick
Howard, Clarence Edward.....	Third.....	Athens
Howard, Mabel Graye.....	Fourth.....	Athens
Jamison, Sarah Pearl.....	Second.....	Georgetown
Johnson, Blanche Eleanor.....	Second.....	Dexter
Johnson, Oden.....	Fourth.....	Little Hocking
Johnson, Parker Llewellyn.....	Second.....	Vincent
Jones, Rupel Johnson.....	Fourth.....	Athens
King, Robert Nelson.....	Second.....	Millport
Knight, Charles William.....	Fourth.....	Lorain
Kratt, Barbara Ethel.....	Fourth.....	Castalia
Leete, Constance Grosvenor.....	Fourth.....	Athens
Leive, Linnie Florence.....	Second.....	South Webster
Liggett, Nellie Beatrice.....	Fourth.....	Leesville
Lively, Clara Lavelle.....	Second.....	Albany
Long, Clara Belle.....	Third.....	North Fairfield
Long, Houston David.....	Second.....	Urbana

Name	Year	Address
Lonsinger, Celia.....	Fourth.....	Walhonding
Loper, Ivy Maud.....	Third.....	Murray City
Loper, Rebecca Ellen.....	Third.....	Murray City
Love, George Clifford.....	First.....	Athens
Lovell, Mary Kathryn.....	Second.....	Athens
Lyons, Ada Marie.....	Second.....	The Plains
McCleery, Laura Helen.....	Third.....	Lancaster
McCreary, Melvin Leslie.....	Third.....	Freeport
McKee, Ross Hamilton.....	Fourth.....	West Carlisle
McLaughlin, George Ephraim.....	Third.....	Wilkesville
Marquis, Carroll Basil.....	Fourth.....	Amesville
Marshall, William Brandt.....	Fourth.....	Lancaster
Martin, Russell.....	Second.....	Malta
Mason, William Pierce.....	First.....	Athens
Masters, Bruce.....	Third.....	Bowerston
May, Ella Lucie.....	Fourth.....	Athens
Mechling, George Vernon.....	Fourth.....	Glenford
Meredith, Jennie Belle.....	Third.....	Freeport
Merritt, George Wood.....	Fourth.....	Mulberry, Fla
Mobley, Gertrude Edna.....	Third.....	Armstrong's Mills
Morris, Pearl Anna.....	First.....	Amesville
Muntz, Edith Anna.....	Third.....	Athens
Nethers, Emmet Wilson.....	Second.....	Trinway
Nida, Mary Alma.....	Second.....	The Plains
Nixon, Hugh Henry.....	Third.....	New Plymouth
Norris, Eva.....	Second.....	Stewart
Norris, Henry Herman.....	Fourth.....	Athens
Ogg, Carlos E.....	Fourth.....	Amesville
Orr, Daisy Lucile.....	Second.....	Pratt's Fork
Oxley, Lena Bertine.....	First.....	Athens
Packer, Ethyl A.....	Second.....	Hammondsville
Pettay, Ward English.....	Second.....	Scio
Phelps, Nellie.....	Third.....	Cleveland
Pidcock, Angie Etta.....	Second.....	New Marshfield
Plummer, Thomas Herbert.....	Second.....	Athens
Pugh, Vergie Agnes.....	First.....	Roxbury
Rader, Alfred Waldo.....	Third.....	Cincinnati
Rees, Harry S.....	Fourth.....	Delphos
Richards, Nellie.....	Third.....	Glouster
Russell, Heber.....	Second.....	Jackson
Schimmel, Vernon George.....	Third.....	Trees, La.
Scott, Cash Leon.....	Third.....	Corning
Shaw, Charles Louis Marvey.....	Second.....	Athens
Sheppard, Frederick Emanuel.....	First.....	Athens
Shirley, Elmer Wesley.....	Fourth.....	Guysville
Shupe, Blanche Victoria.....	Third.....	Kingston
Siders, Cecil Franklin.....	Second.....	Seaman

Name	Year	Address
Simpkins, Richard.....	Third.....	Laurelville
Simms, Hazel Bessie.....	Second.....	New Plymouth
Simms, Ruth Audrey.....	Second.....	New Plymouth
Skinner, Mary.....	Second.....	Barnesville
Smith, Cora Gladys.....	Second.....	Carey
Sommer, Franklin Earl.....	Second.....	Dundee
Speer, Florence.....	Fourth.....	Bloomington
Speyer, Anna Belle.....	Third.....	Athens
Staneart, Charles Earnest.....	Fourth.....	Athens
Starnes, Charles Henry.....	Third.....	Sugar Grove
Stewart, Edith Rowena.....	Third.....	Woodsfield
Strickler, Ray.....	Fourth.....	Coolville
Strode, Hazel Dean.....	Fourth.....	Chesterhill
Swain, Hannah Marie.....	Fourth.....	Athens
Taylor, Earl.....	Fourth.....	Trinway
Thomas, Lotta May.....	Second.....	Hughestown, W. Va.
Thompson, Adda Jane.....	Third.....	Scioto
Trittip, Dwight Davies.....	Second.....	Adamsville
Ulrich, Victoria Helena.....	Second.....	Lewisville
Verwohlt, Howard William.....	Fourth.....	Tiltonville
Walker, Florence Margaret.....	Fourth.....	Cheshire
Walker, Robert Herman.....	Fourth.....	New Marshfield
Walters, Harry William.....	Second.....	Portsmouth
Warner, Esta Elizabeth.....	First.....	Harrisonville
Watkins, Wendell Sprague.....	Fourth.....	Chauncey
Watkins, William Poston.....	Second.....	Athens
Weik, Waldo Harrison.....	Fourth.....	Mt. Healthy
Wharton, Florida Edna.....	Third.....	Mineral
Wilmore, Charles Mechlin.....	Second.....	Rempel
Wilson, Mary Leona.....	Second.....	Glouster
Woodward, Blanche.....	Third.....	Hamden
Work, Owen James.....	Second.....	Millersburg
Workman, Benson Earl.....	Third.....	Lynchburg
Wyckoff, Grace Emma.....	Second.....	Athens
Yanit, Freda.....	Fourth.....	Hannibal
Yanit, Margaret.....	Fourth.....	Hannibal
Young, Earl Elsworth.....	Third.....	Millersburg
Zenner, Philip McKnight.....	Fourth.....	Athens

SUMMER SCHOOL

This list includes only the names of those students who were in attendance during no other part of the year. The total enrollment of Summer School students was 1138.

Name	Address
Abbott, Clara Gertrude.....	Keystone, W. Va.
Adams, Marjorie.....	Conneaut
Adams, Dale.....	Reedsville
Adams, Evelyn Lyon.....	Shanghai, China
Adams, Louise Viola.....	Short Creek
Adams, Nancy Ruth.....	Hillsboro
Addicott, Harold Brown.....	Athens
Allinger, Ethel Jeannette.....	Sidney
Allison, Ida A.....	New Marshfield
Amerine, Arthur Truman.....	Creola
Amerine, Ivan Robert.....	Creola
Amerine, Sarah Leota.....	Summit Station
Anderson, Lena Malinda.....	Newark
Armstrong, Cora Lulu.....	Woodsfield
Arrington, James Austin.....	Bainbridge
Armstrong, Lyman Walter.....	Ravenna
Arnold, Mildred May.....	Youngstown
Ault, Mary Ruth.....	Franklin Furnace
Aumiller, Leighton Edington.....	Nelsonville
Baker, Anna Mae.....	Zanesville
Baker, Clara.....	Jewett
Baker, Ralph Freeze.....	Athens
Baldwin, Harley Eugene.....	Iberia
Ball, Alice Mildred.....	East Palestine
Ballard, Robert Flenore.....	Cadiz
Balthaser, Lillian Marie.....	Amanda
Banton, Esther Lucile.....	Newark
Barclay, Marie Jean.....	Sebring
Barnes, Sylvia Marie.....	Shiloh
Barnhill, Amy Gertrude.....	Guysville
Barnhill, Lulu Anna.....	Guysville
Barnhill, Walter Everett.....	Guysville
Barstow, Harry.....	Athens
Barton, Thurston.....	Pleasant City
Basinger, Almon J.....	Calla
Bates, Le Roy Wilfred.....	Swanton
Bean, Bertha Estelle.....	Athens
Beard, Edna Erma.....	Columbiana
Bechmann, Albertina.....	Cincinnati
Beck, Ernest R.....	Junction City

Name	Address
Bell, Eula.....	Cambridge
Bell, Helen.....	Newark
Bell, Lura L.....	Bradner
Bennett, Jessie Hope.....	Crooksville
Bentley, Harold Jackson.....	Athens
Beshore, Georgia Estelle.....	Mingo Junction
Bierer, Esther Eva.....	McComb
Bing, Simeon Hutsinpillar.....	Rio Grande
Black, Anna Lee.....	Mt. Vernon
Black, Josephine.....	Malta
Black, Leola Elizabeth.....	Zanesville
Black, Treva.....	Athens
Blackburn, Georgia Rowena.....	Athens
Blazier, Goldie.....	Athens
Blum, Bessie Winfred.....	Logan
Blum, Clara Loretta.....	Logan
Bobo, Octa Faye.....	Athens
Boelzner, Lena Ellen.....	Athens
Bolo, Xenia.....	Raymond
Bolton, William McKee.....	Athens
Bonsall, Addie F.,... ..	Salem
Bork, Eva Mabelle.....	Helena
Bork, Stella Mae.....	Helena
Bouts, John Edward.....	South Webster
Bowers, Clyde Emerson.....	Albany
Bowles, Josephine Lydia.....	Middlefield
Bowman, George Arvene.....	Edison
Boyle, Ethel L.....	Brilliant
Brainerd, Arthur Alanson.....	Hartford, Conn.
Braley, Mack Rolin.....	Athens
Brammer, Esta Lola.....	Trimble
Breitenbecher, Elva Mae.....	Trenton
Breitenbecher, Vernon Le Roy.....	Trenton
Brohard, Edith Bronson.....	Coalton
Broome, Laura Mehrer.....	Newark
Brown, Bessie.....	Bainbridge
Brown, Esther Sara.....	Crooksville
Brown, Theodora Garnett.....	Roseville
Browne, Nora.....	Athens
Browning, Lida Mildred.....	Portland
Buchanan, Clancie May.....	Watertown
Buchanan, David Lewis.....	Smithfield
Bumgardner, Gladys.....	Athens
Bumgarner, Guy.....	Hanging Rock
Burgess, Elizabeth G.....	Cutler
Burleigh, Edith Cora.....	Guysville
Burnfield, Gertrude.....	Vincent

Name	Address
Burns, Granville Willard.....	Belmont
Burns, Warren Lelion.....	Belmont
Burriss, Rena.....	Mt. Pleasant
Burson, Gladys Coe.....	Athens
Burton, Otis Austin.....	Leesburg
Burwig, Clara Augusta.....	Hubbard
Butcher, Lila Belle.....	Mt. Vernon
Butterfield, Naomi.....	Sabina
Cable, Rena Nancy.....	Sandyville
Cain, Eva Chestora.....	Glouster
Cain, Juanita.....	Vigo
Caldwell, Naomi.....	Urbana
Calhoun, Beatrice Areama.....	Charleston, W. Va.
Calhoun, Lenore Anna.....	Crooksville
Campbell, Carl.....	Delaware
Campbell, Gertrude Chloe.....	Bloomingsburg
Cardwell, Mary.....	Hampton, Va.
Carey, Ethel.....	New Vienna
Carper, Laura Marie.....	New Petersburg
Carr, Elma Hutton.....	Smithfield
Carr, Orpha Lucile.....	Athens
Carter, Effie Bryant.....	Huntington, W. Va.
Carter, Ralph Scott.....	Adena
Cash, Roland Everette.....	Pleasant City
Cassady, Everett S.....	Belpre
Centner, Albert William.....	Columbus
Chaney, Mabel Cora.....	Williamsburg
Cheeseman, William Carl.....	Slippery Rock, Pa.
Christy, Frank Leonard.....	Fleming
Chubb, Edwin Downer.....	Athens
Clark, Cleo Mildred Belle.....	Mt. Sterling
Clark, Mildred.....	Carbon Hill
Cleary, Vivian Juanita.....	Caldwell
Clement, Verna Pauline.....	Kenton
Clum, Samuel James.....	New Philadelphia
Clutts, Flora Ethel.....	Wheelersburg
Cochran, Francyl.....	Athens
Coen, Seigle Roy.....	Guysville
Cole, Gayle.....	Huron
Cole, Wilma.....	West Lafayette
Collins, Laurretta.....	Athens
Conner, Minerva Willard.....	Garrettsville
Cook, Emma Matilda.....	Crooksville
Cooke, Almira Frances.....	Leesburg
Copeland, Ray Ellsworth.....	Stewart
Copes, Verna Grace.....	Dennison
Corn, Edith Minnie.....	Oak Hill

Name	Address
Costigan, Statia Mary	Berlin Heights
Coursen, William Marshall	Youngstown
Courtright, Georgene Beryl	Lancaster
Cowger, Cleo	Gallipolis
Crabb, Lois	New Holland
Creamer, George Fulton	Bridgeport
Crone, Mabel Edna	Mineral City
Cross, Waid	Racine
Cubbison, Gertrude Helen	Cumberland
Cullum, Opal Willma	Nelsonville
Cullums, Doris Mae	Nelsonville
Cunningham, Mae Belle	St. Clairsville
Curtis, Anna Sarah	Iberia
Cushing, Anna Mary	Warren
Dailey, Lloyd	Athens
Dais, Katherine	Athens
David, Blanche	Raymond
Davidson, Bessie May	Kensington
Davidson, Edith Mae	Summerfield
Davidson, Margaret	Summerfield
Davidson, Mary Olive	Portsmouth
Davies, William Walter, Jr.	Delaware
Davis, Irene Abbie	Cortland
Davis, Mary L.	Paris, Ky.
Daugherty, Mary Teresa	Junction City
Dawson, Ellen Ruby	Hillsboro
Dearth, Otto Art	Summerfield
Deer, Bessie Josephine	Nelsonville
Dellinger, Georgiana May	Osborn
Dennis, Mollie	Clarksburg
Devlin, Margaret Mary	Congo
Dhume, Ruth	Lyndon
Dick, Inez Rebecea	New Holland
Dickson, Bessie Belle	Athens
Diehl, Louedith	Hicksville
Dillehay, Albert John	Congo
Dillon, Clarence Bertram	Franklin Furnace
Dillon, Elizabeth Ferguson	Franklin Furnace
Dixon, James Floyd	Wellston
Dornan, Edith	Marietta
Dozer, Mary Jane	Zanesville
Drake, Howard	Richwood
Drake, Walter Benjamin	Malta
Drescher, N. H.	Logan
Draise, Lelia	Mt. Sterling
Drury, Bertha	New Lexington
Duff, Helen Gail	Byesville

Name	Address
Dunn, Fannie Margaret.....	Cincinnati
Dunn, Ruth.....	Brilliant
Dunn, William Ross.....	Ripley
Dunstan, Flavia Adelaide.....	Granville
Durant, Gladys Fern.....	Guysville
Duvendeck, Katherine Elizabeth.....	Delaware
Eaton, Elaine Elvira.....	East Palestine
Eccles, William Johnston.....	Athens
Eckhart, Blanche Magdalene.....	Portsmouth
Eddy, Helen.....	Trimble
Edington, Fred.....	Nelsonville
Ehrhart, Hattie.....	Sandusky
Elder, Florence.....	Athens
Ellis, Goldie Mae.....	New Vienna
Ellis, Musa Myrtle.....	Chillicothe
Emerson, Ruth Waldine.....	Loveland
Enlow, Garrett Cook.....	Athens
Entsminger, Helen Orr.....	Middleport
Eury, Mabel Gladys.....	Bradford
Evans, Anna Mae.....	Vinton
Evans, Edith.....	Athens
Evans, Granville Hywell.....	Athens
Evans, Mamie Isabel.....	Lebanon
Eves, Edward Holt.....	Athens
Farnell, Mary Tydvil.....	Martin's Ferry
Fay, Edith.....	Marietta
Fearson, Elizabeth.....	Wellston
Fell, Elsie May.....	Crooksville
Fenner, Bessie Olive.....	Galloway
Few, Hattie	Zanesville
Findley, Winifred V.....	Glenford
Fink, Ethel Fern.....	Mecca
Finsterwald, Elmer W.....	Athens
Fisher, Daisy Pearl.....	Payne
Fisher, Emma.....	Watertown
Fisher, Mary Etta.....	Payne
Flaherty, Nellie.....	Belpre
Flanagan, Ambrose Lewis.....	Shadyside
Flegal, Margaret Catherine.....	Athens
Ford, George William.....	Millfield
Forward, Elizabeth.....	Sharpsburg
Foster, Jennie Viola.....	Scio
Frazier, Elza Louenna.....	Maynard
Freeh, John Lewis.....	Sardinia
French, Joanna Carrie.....	Jackson
Frost, Mary.....	Marietta
Frost, Raymond.....	Delaware

Name	Address
Frost, Zoa Maude.....	Croton
Fultz, Grace.....	Charleston, W. Va.
Furste, Mattie Elizabeth.....	Bradner
Gangey, Grace.....	Arlington
Garman, Harriet.....	Bainbridge
George, Helen Elvira.....	Pittsburg, Pa.
Gerlach, Hazel Margaretta.....	Vermillon
Giffen, Sadie Letitia.....	Hanover
Gillingham, Edith.....	Wellston
Gillogly, Ethel Gail.....	Short Creek
Glancy, Bertha May.....	Athens
Glandon, John Forsythe.....	Thurman
Gordon, Anna Elizabeth.....	Junction City
Gordon, Fern.....	Somerset
Gorrell, William J.....	St. Marys, W. Va.
Graham, Mildred Carlyle.....	Mineral City
Grant, Mary.....	South Webster
Grant, Murray Cecil.....	New Lexington
Gray, May Eleanor.....	Medina
Green, Alice Roberta.....	Powhatan Point
Greenwood, Ella L.....	Charleroi, Pa.
Groves, Hiram F.....	Buffalo
Growdon, Clarence Holmes.....	Bourneville
Growden, Ruth Margaret.....	Chillicothe
Guiler, Mary Ethel.....	Whigville
Guinsler, Herbert Jacob.....	Crooksville
Hadley, Florence Elizabeth.....	Wilmington
Hadley, Ruthanna.....	Wilmington
Hague, John Taylor.....	Senecaville
Halbirt, Lucy Keturah.....	Canaanville
Haley, Alice Agnes.....	McComb
Haley, Edna Gertrude.....	Chillicothe
Haley, Maud May.....	McComb
Hall, Ada Pearl.....	Nova
Hall, Frances.....	Coalton
Hall, John William.....	Summerfield
Hall, Lola.....	Croton
Hall, Nathan Sylvester.....	Summerfield
Hamilton, Sarah Edmeston.....	Berlin Heights
Hampton, Ada Augusta.....	Lexington, Ky.
Hanawalt, Bertha.....	Ostrander
Hanawalt, Ruth Inez.....	Ostrander
Handley, Cecil.....	Pedro
Hanna, Mary Isabel.....	Cadiz
Harding, Minnie.....	East Palestine
Harkins, May.....	Hamden
Harkness, Robert Henry.....	Zanesville

Name	Address
Harris, Bryan Jennings.....	Mineral City
Hart, Denver T.....i.....	Carey
Hart, Henry R.....	Carey
Hartford, Margaret Jane.....	Toronto
Hartinger, Mearl Dora.....	Williamsport
Hartinger, Nellie Marie.....	Williamsport
Haskins, Lillie Mae.....	Wheelersburg
Hastings, Katherine Elizabeth.....	Castalia
Hastings, Margaret.....	Caldwell
Haverfield, Mary Alda.....	Mansfield
Haymond, Mary Mildred.....	Newark
Haynes, Elfra May.....	Dillonvale
Hecox, Nellie.....	Sumner
Heddleston, Roy Grover.....	New Matamoras
Helman, Matilda Jane.....	Lisbon
Hemphill, Winona.....	Barberton
Henderson, Albert.....	Ironton
Henderson, Blanche Ethel.....	Salineville
Henderson, Jessie Lucile.....	Iberia
Henry, Hazel.....i.....	Athens
Herd, Mary Docey.....	East Liberty
Herrold, William Gordon.....	Athens
Hewitt, Bessie May.....	New Marshfield
Hewitt, John Cecil.....	Athens
Hickman, Elsie.....	Nelsonville
Hickman, Perla Grace.....	Ellenboro, W. Va.
Higgins, Winifred Belle.....	Athens
Hill, Flossie May.....	Ray
Hiller, Maude.....	Gnadenhutten
Hipp, Mae Belle.....	St. Marys
Hobt, Lena.....	Wellston
Hoeffler, Josephine Lisette.....	Woodsfield
Hofstetter, Elmer Lewis.....	Martel
Hollar, Ada Julia.....	Newark
Hollar, Ruth Susan.....	Newark
Holshoy, Harvey Leroy.....	Mineral City
Hooper, Katie.....	Athens
Hopkins, Laverna.....	Middlefield
Hopkins, Rufus Carpenter.....	Athens
Hopstetter, Bertha.....	Buchtel
Horn, Stella.....	Sandusky
Horton, Katherine.....	Jackson
Hoskins, Mildred Emily.....	New Vienna
Hostettle, Pratt.....	Athens
Houser, Alma May.....	Berlin Heights
Howe, Clara Bartley.....	Lexington, Ky.
Howe, Mary Blanche.....	Athens

Name	Address
Huber, Katie.....	De Graff
Hudson, Frank Gillilan.....	Ashville
Huffman, Hazel Dell.....	Circleville
Hughes, Alice.....	Oxford
Hughes, Esther.....	Thurman
Hughey, Hazel.....	Greenfield
Hull, Sara Marie.....	Salineville
Huls, Ora Mildred.....	Athens
Houston, Ethel Marie.....	East Palestine
Hunter, Benjamin Arthur.....	Coal Run
Hupp, Glenna Mae.....	Somerset
Hurr, Carrie Alberta.....	Bucyrus
Hutcheson, Bernice May.....	Salem
Hutchison, Edna Eldora.....	Etna
Hutsinpillar, Garnet Louise.....	Gallipolis
Hutzell, Carrie.....	Hebron
Hyatt, Mary Wood.....	New Paris
Ide, Mary Evans.....	Hanover
Iles, Mayo Bundy.....	Logan
Isbell, Clara Isadore.....	Walbridge
Jackman, Corena May.....	Carrollton
Jackman, Thomas Benton.....	Carrollton
Jackson, Irene Demeana.....	Charleston, W. Va.
Jackson, Nora Edna.....	Carrollton
Jacobs, Arlington Brazil Cole.....	Lexington
Jacobs, Blaine Park Cole.....	Lexington
James, Gaynell.....	Nelsonville
James, Gwendolyn.....	Athens
Jenks, Julissa Jane.....	Ashtabula
Jennings, George.....	Athens
Jennings, Mildred Marie.....	Athens
Jensen, Luella Viola.....	Danbury
Joachim, Katherine Elizabeth.....	Charleston, W. Va.
Johns, Jennie.....	Mt. Gilead
Johns, William Albert.....	Mt. Gilead
Johnson, Forrest Earle.....	New Marshfield
Johnson, Goldie Mae.....	Basil
Johnson, Herbert Shepherd.....	Leesburg
Johnson, Esther Augusta.....	Gallipolis
Johnson, Helen Irene.....	Grove City
Jones, Birchie Ethel.....	Nelsonville
Jones, Electa Birdie.....	Belmont
Jones, Eulah C.....	Omega
Jones, Florence Gilchrist.....	Shawnee
Jones, Lucy Margaret.....	Smithton, W. Va.
Jump, Bernice Ora.....	Huron
Jungerman, Elsie Marie.....	Corning

Name	Address
Junk, Ella.....	Mt. Sterling
Justice, Glenn Leroy.....	Ashville
Justice, Helen.....	Ashville
Kane, Virginia Monica.....	Caldwell
Katzenbach, Iva Loree.....	Nelsonville
Katzenbach, Mabel.....	Nelsonville
Keegan, Lucette.....	Woodsfield
Keeran, Ethel Inis.....	Leipsie
Kelley, Anna Savilla.....	McComb
Kelley, Lu Verne.....	St. Marys
Kemp, Amma Dee.....	Bridgeport
Kennedy, Mary Kathryn.....	Cadiz
Kern, Fred.....	Athens
Kessler, Maude J.....	Oak Harbor
Ketcham, Grace.....	Sayre
Keyser, Florence Gertrude.....	Woodsfield
Kile, Erma.....	Columbus
King, Fletcher M.....	Pratts Fork
Kinnard, Florence Bird.....	Mt. Vernon
Kinsey, Nora.....	New Philadelphia
Kirk, Thirza Alice.....	Mt. Vernon
Kissane, Esther Lucile.....	Newark
Klever, Edna Marie.....	Bloomingsburg
Knapp, Lizetta Ida.....	Norwalk
Knecht, Fannie Evangeline.....	Lancaster
Kniesly, Daniel Clarence.....	Bradford
Kniesly, Willis.....	Gettysburg
Knob, Esther.....	Chillicothe
Knowlton, Arch.....	Albany
Koch, Nellie Marie.....	Columbiana
Kochensparger, Mary Frances.....	Buckingham
Krapp, Matilda Helena.....	Vermilion
Kraus, Blanche.....	Harrison
Krouse, Katharine Mary.....	Findlay
Kuhn, Ruth Margaret.....	Gallipolis
Kumler, Florence.....	Baltimore
Kurth, Louise.....	Neff
Laird, Bessie Ferguson.....	Newark
Lash, Henry Franklin.....	Wheeling, W. Va.
Lauterbur, Anna P.....	Sidney
Lauterbur, Mary Margaret.....	Sidney
Lauth, Jesse Warren.....	Russellville
Laverty, Adam James, Jr.....	Athens
Lawless, Emma Clare.....	Bidwell
Lawton, Mary Mildred.....	Barlow
Le Page, Clara Belle.....	Cumberland
Le Masters, Grace Delilah.....	Charleston, W. Va.

Name	Address
Leckrone, Maurice S.....	Glenford
Leeper, Ruth Ellen.....	Lore City
Lenhart, Florence Berenice.....	Somerset
Lenning, Ethel Alvira.....	Columbiana
Lerenman, Minnie M	Cambridge
Leslie, Ethel Berenice.....	Upper Sandusky
Lewis, Gertrude M.....	Youngstown
Lewis, Luella.....	Marengo
Liggett, Harold Eugene.....	Athens
Liggett, Thomas Henry.....	Athens
Lightle, Monna Merle.....	Mt. Sterling
Lindsley, Dorothy Elizabeth.....	Ashtabula
Linn, Alton.....	Pleasant Valley
Linscott, Fauna Lucile.....	Little Hocking
Linton, Elizabeth.....	Nelsonville
Linton, Estella Mae.....	Nelsonville
Litle, Henry Clyde.....	Dyesville
Little, Hazel.....	Cambridge
Lively, Bertha Alwilda.....	Albany
Lively, Ina Mabel.....	Albany
Lloyd, Blanche.....	Marengo
Logan, William Henry.....	Athens
Long, Edith.....	Byesville
Long, Ethel.....	Byesville
Long, Laura B.....	Portsmouth
Long, Louis John.....	Urbana
Lonsbury, Ruth Rachel.....	Sidney
Loper, Maud.....	Murray City
Love, Ethel Echo.....	Versailles
Lowman, Electa.....	Lynchburg
Ludlam, Lucy Ruth.....	Mineral City
Luttrell, Cyrus John William.....	Washington C. H.
Luttrell, Mamie Priscilla May.....	Washington C. H.
McCann, Mary Veronica.....	Jacksonville
McCann, Nell Patricia.....	Jacksonville
McClure, Linnie Ada.....	Oak Hill
McCollum, Inez Mae.....	Cambridge
McCrillis, Bertha L.....	Norwalk
McCurdy, Grace J.....	Canal Dover
McDermott, Perin.....	Hillsboro
McDougall, Charles Bastian.....	New Lexington
McDougall, Gilbert Woodworth.....	Athens
McFadden, Boice.....	Bethesda
McGee, Flora.....	Caldwell
McGinty, Anna.....	Chillicothe
McGuire, Nina Dean.....	Bowerston
McKenzie, Elizabeth.....	Circleville

Name	Address
McKenzie, Hanna.....	Circleville
McKenzie, Katherine....	Circleville
McKinley, Lona Mae.....	Derby
McLean, Mary, Elizabeth...	East Liverpool
McMasters, Bertha Arvilla.....	Mt. Pleasant
McRae, Donald Greene.....	Scio
Mace, Lulu Edna.....	Athens
Mallen, Mary Foster.....	Nelsonville
Mann, Cora Anne.....	Cedarville
Mannion, Lillian Margaret .	Gallipolis
Marshall, Belva Lockwood.....	St. Marys
Martin, Elizabeth M.....	Albany
Martin, May Gertrude.....	Albany
Maskrey, Percy Bennett.....	Canton
Mason, Hazel.....	Corning
Mason, Hazel Mary.....	Athens
Massker, Ivan.....	Long Bottom
Mast, Sarah Katherine.....	Newark
Mathias, Grace.....	Uhrichsville
Matson, Mabel May.....	Millfield
Maurer, Christine Wilhemine.....	Sidney
Maxwell, Harley Stanley.....	Athens
May, Alice R.....	Athens
May, Ida Alice.....	Circleville
Medley, Etta Golda.....	Van Buren
Meeks, Eva.....	Charleston, W. Va.
Meighen, Audrey Ruth.....	Athens
Meighen, Edna Mae.....	Sidney
Meighen, Frieda Madge.....	Athens
Meinke, William Gottlieb.....	Oak Harbor
Melick, Beatrice Maude.....	Duncan Falls
Melick, Elizabeth Mae....	Duncan Falls
Merrick, William Russell.....	Washington, D. C.
Merrin, Constance.....	Mt. Vernon
Metcalf, Lena.....	Gambier
Meyer, Elsie C.....	Oak Harbor
Michael, Ola May.....	Lynchburg
Miles, Gail.....	Salineville
Miller, John Albert.....	Thurman
Miller, Lula Belle.....	Bellaire
Miller, Marilla Jenness.....	Muncie, Ind.
Miller, Mary Katherine.....	Hicksville
Miller, Norma Lois.....	Cincinnati
Miller, Orla Glen.....	Athens
Millhon, Myron Eli.....	Senacaville
Milligan, Rita Mary.....	Athens
Mills, Jessie Cleo.....	Athens

Name	Address
Milnor, Perley Clark....	Pickerington
Minch, Henrietta Josephine.....	Marietta
Mindigo, Rosa Marie.....	Corning
Mineard, Odessa Mae.....	Spiller
Minkler, Zilpha Elizabeth.....	Berlin Heights
Minshall, Minnie Grace.....	Derby
Mitchell, Hazel....	Lebanon
Mizer, Helen.....	Isleta
Mizner, Florence Adelia.....	Hubbard
Moehring, Lena.....	St. Marys
Moore, Lovinnie.....	Gillespieville
Moore, Mabel Matilda.....	Robinson, Ill.
Moore, Ray.....	Athens
Moore, Wayne.....	Mineral City
Moorehead, Anna Gray.....	Zanesville
Morgan, Katherine Jane.....	Oak Hill
Morris, Dorothy Catherine.....	Magrew
Morris, Stella Tamar.....	Black Run
Morris, Wilmina Sophia.....	Lisbon
Morris, Winfield Scott.....	Clendenin, W. Va.
Morrison, Harry Leroy.....	Philo
Moseley, Lillian.....	Ostrander
Mowbray, Besse Irene.....	Lyndon
Mowry, Grace.....	Logan
Muhleman, Ora Viola.....	Hannibal
Mumford, Bessie Loudema.....	South Zanesville
Muntz, Leonard William.....	Athens
Murphy, Ella Cecelia.....	Nelsonville
Murray, Melvina Grace.....	Democracy
Murray, Rheba Dell.....	New Madison
Musgrave, Walter Elton.....	Athens
Musser, Mabel Grace.....	Athens
Myers, Anabel Ruth.....	La Rue
Myers, Dana.....	Ostrander
Myers, Mattie.....	Carey
Mylius, Lillian.....	Zanesville
Napier, Gertrude Marie.....	Crooksville
Napier, Margaret Geraldine.....	Crooksville
Nau, Heber Bradley.....	Carroll
Nease, Sierra Nevada.....	East Liverpool
Neiswender, Leah.....	Columbus
Nelson, Mary Emeline.....	Bellaire
Nethers Eva.....	Trinway
Newberry, Hawley De Witt.....	Corning
Nichols, Helen Mary.....	Newark
Nichols, Lorene C.....	Grove City
Nicholson, Ruth.....	Buffalo

Name	Address
Nicholson, Wilbur H.....	Byesville
Nihart, Cora S.....	Edgerton
Noe, Winona Rebecca.....	Mt. Gilead
Nolan, Emilie.....	Sandusky
Norman, Lavinia.....	Huntington, W. Va.
Nye, Earl Lemoine.....	Athens
Ogdin, William Roy.....	Carpenter
Ogilvie, Louise Johnson.....	Chillicothe
Ohl, Marae Elizabeth.....	Hartford
Oliver, Wayland Wilson.....	Senacaville
Orrison, Eurie K.....	Belmont
Overly, Hazel May.....	Chillicothe
Pake, Ida Merle.....	Bainbridge
Pancake, Olive.....	Conway
Parker, Evva Lizzie.....	Charleston, W. Va.
Parks, Paul Blaine.....	Nelsonville
Paruaby, Chester William.....	Middlefield
Parr, Charles Hamilton.....	Great Bend
Partlow, Doris Olive.....	Carbondale
Peck, Margaret Ray.....	Hinton, W. Va.
Penrod, Vivian Victoria.....	Sayre
Person, Everett J.....	Long Bottom
Petty, Gladys.....	Rockland
Pickering, Ethel Susannah.....	Athens
Pickering, Joseph Linville ..	Athens
Pickrel, Mary Bennett.....	London
Poly, Ursina Mary.....	Versailles
Porter, Francis Hannah.....	McConnelsville
Potts, Hettie Mary.....	Sharpsburg
Potts, Pearl Lucile.....	Athens
Pounds, Marie.....	Ostrander
Powell, Harold Clay.....	New Lexington
Powers, Anna Leone.....	Paulding
Price, Aaron Sumner.....	Athens
Price, Frederick Nicholas.....	Arlington
Price, Jennie Lovina.....	Athens
Price, Marie Louise, A. B.....	Athens
Purdun, Bessie.....	Bourneville
Quinlan, Patrick Thomas.....	Athens
Quinlan, Marie M.....	Fort Loramie
Quinton, John Murray.....	Phoneton
Racey, Eva Romola.....	Caldwell
Radeliffe, Mento.....	Williamsport
Rains, Hattie Gertrude.....	Leesburg
Ramsey, Martin Newell.....	Shadyside
Randall, Alice Lucretia.....	Middlefield
Rann, Emery Luvelle.....	McDonald, W. Va.

Name	Address
Ray, John Watson	Oil City, Pa.
Ream, Viola Katherine	Somerset
Redding, Ora	Erie
Reed, Jennie Holloway	North Fairfield
Reese, Gertrude Evelyn	Mount Eaton
Reeves, Essie Holmes	Somerton
Regan, Mary Julia	Willmington
Reynolds, Annette Dorothy	Lorain
Rhinehart, Berenice	Gnadenhutzen
Rice, Inis F.	Van Wert
Richards, Heber Holbrook	Wellston
Richards, Marzuela	Athens
Richter, Marie Elizabeth	Milford Center
Rickards, Lora Altha	Austin
Ricketts, Elda Arvilla	Washington C. H.
Ricketts, Reba	Washington C. H.
Rickey, Edna	Athens
Ridgway, Sarah	Derby
Riley, Lauretta	Athens
Riley, Theresa Genevieve	Jacksonville
Ritchie, Ethel Margaret	Middlefield
Roberts, George Shannon	Glouster
Roberts, Georgia Etta May	Harris Station
Roberts, Grace Greenwood	Nelsonville
Roberts, Jessie Marie	Sidney
Roberts, Majel.	Hamden
Roberts, Mildred Gray	Nelsonville
Roberts, Vera Virginia	McConnelsville
Robins, Lela Foss	Pleasant City
Robinson, Helen	Mansfield
Robinson, Ida	Athens
Robinson, Mary Kyle	Dillonvale
Rockenbauch, Adelaide	Huron
Rodgers, Geraldine	Conneaut
Rogers, Anona Marie	New Dover
Rogers, Martha Vera	Byesville
Rogers, Ruth	New Dover
Rohrbacher, Clara Belle	Castalia
Root, Mary L.	Middleport
Rose, Florence Gertrude	Martins Ferry
Roseboom, Ella Delora	Frankfort
Ross, Virgil Phillips	Kimbolton
Roswurm, Esther Delila	Kelley's Island
Roswurm, Ruth	Kelley's Island
Rowe, Iris	Bradner
Ruff, Nelle	Thurman
Rusk, Anna	Malta

Name	Address
Russell, Carrie Sophie.....	Cannelville
Russell, Florine.....	Coolville
Sailor, Hobart Andrew.....	Corning
Sams, Darrell.....	Athens
Sands, Forest Lotta.....	Poston
Sands, Willis Fuller.....	Athens
Sauer, Charles August.....	Wheelersburg
Sauers, Bernice Olive.....	Hicksville
Saunders, Frederick Pearce.....	Steubenville
Scarberry, Wilbur Galveston.....	Gallipolis
Schofield, Florence Margaret.....	Sidney
Schottelkorb, Margaret.....	Corning
Schreiner, Estelle.....	Chillicothe
Schuh, Minnie Belle.....	Grove City
Schwartz, Rena.....	Zanesville
Scott, Blanche Lulu.....	St. Clairsville
Scott, Linda Mina.....	Gallipolis
Seamans, William Oliver.....	Delaware
Secrest, Edna Emma.....	Sarahsville
Secrest, Harry Edwin.....	Pleasant City
Secrest, Ralph J.....	Buffalo
Secrest, Ruth.....	Buffalo
Seffens, Flora Blanche.....	Sebring
Selby, Carrie Rowena.....	Vincent
Semple, Mary Sherman.....	Youngstown
Seward, Donald Krep.....	Athens
Shafer, Anna Merle.....	Athens
Shafer, Hazel.....	Nelsonville
Shafer, Wayne.....	Bellville
Shaffer, Bessie Maude.....	Rockbridge
Shaffer, Hattie Viola.....	Bellville
Shaner, Mary Ruth.....	Athens
Shannon, Alice Magdalene.....	Athens
Shannon, Ella Veronica.....	Athens
Sharp, David Benjamin.....	Athens
Sharp, Hattie Stiles.....	Athens
Sharritt, Chloe Wilda.....	Newark
Shaw, Mary Elizabeth.....	Frazesburg
Sheffer, Pauline.....	Mt. Blanchard
Shields, Lydia Brooks.....	Crooksville
Shields, Mary Hambleton.....	Crooksville
Shilliday, Clarence Lee.....	Ithaca, N. Y
Shirkey, Della Miriam.....	Jacksonville
Shoemaker, Daisy Belle.....	West Rushville
Shoemaker, Zua.....	Piketon
Shuman, Lulu Elizabeth.....	Pleasant Grove
Shumway, Roswell Burr.....	Portsmouth

Name	Address
Sidders, Everett; McCollom	East Monroe
Siniff, Anna	Carthon
Skinner, Harley Clay	Newark
Slaughter, Adria	Athens
Smith, Christopher Ira	Congo
Smith, Clarence Fenton	West Manchester
Smith, Goldie	Mt. Sterling
Smith, Margaret Mae	Gillespieville
Smith, Ona	Hamilton
Smith, Vernon V.	Lancaster
Smith, William Edward	Conneaut
Speigle, Leona	Reynoldsburg
Spriggs, Clara C.	Lucasville
Stackhouse, Merry Levering	Frederickstown
Stage, Hazel Emma	Byesville
Stage, John Edward	Athens
Staker, David Daniel	Franklin Furnace
Stanton, Flora Mae	New Marshfield
Starr, Everett Murch	Athens
Steadman, Frances Elizabeth	Glouster
Stephan, Edith Lenore	Marietta
Stephan, Etta Wilhelmina	Marietta
Stephenson, Joseph Newton	Ripley
Stevens, Sylvester	Senecaville
Stewart, Agnes	Ironton
Stewart, Mattie Marie	McArthur
Stickler, Anna Phoebe	Cove
Stiles, Minnie Gertrude	Cambridge
Stissel, Lena	Athens
Stoker, Edith May	St. Marys
Stone, Evan D.	Belpre
Stone, Rufus Emmett	West Rushville
Stone, Verna L.	Belpre
Stookey, Viva May	Frankfort
Stott, Susan Eleanor	Athens
Stout, Bertha	Carpenter
Stoyle, Ethel Mae	Shawnee
Stringfellow, Emma Abigail	Gallipolis
Stuber, Wilda	Sidney
Summers, Elsie Elizabeth	Dayton
Swain, Almeda	Lancaster
Swartz, Arthur	Millbury
Sweet, Nellie Evelyn	London
Swiger, Ora Ethel	South Zanesville
Swinehart, Ross Poorman	Somerset
Tannehill, Clarence James	West Alexander
Taylor, Arthur Hamilton	McArthur

Name	Address
Taylor, Esther Marcella...	McArthur
Taylor, Veda Fern.....	Cumberland
Terry, Evelyn Llewellyn.....	Nelsonville
Terry, Inez Wendolyn.....	Amanda
Thomas, Florence May.....	New Holland
Thomas, Mabel Marvel.....	Chesterhill
Thompson, Bertha.....	Mechanicsburg
Thompson, Goldie Belle.....	Bowerston
Thornburg, Mamie.....	La Rue
Thorne, Bessie Annette.....	Huron
Thornhill, Gertrude.....	Wellston
ThurLOW, Greely Gordon.....	Athens
Tidd, Alice Geneva.....	Williamsfield
Tidd, Harland Owen.....	Williamsfield
Tidrick, Neva Jane.....	Newcomerstown
Tilton, Harry Whiting.....	Claysville
Timberlake, Effie Llewellyn.....	Washington, C. H.
Timberlake, George Fremont.....	Washington, C. H.
Timmons, Elsie Leland.....	Gillespieville
Tinney, Kathryn.....	Conneaut
Toland, Ethel St. Clair.....	Harrisville
Tom, Daisy Bernice.....	New Concord
Tong, Ka Chang.....	Rosewood, China
Tripp, Anna Lurea.....	Wellston
Trout, Bessie.....	Findlay
Turner, Oda Davis.....	Salem
Ulery, Vesta.....	Marengo
Ulrich, Cordelia Adeline.....	Fort Washington
Umstead, Helen Amelia.....	Bellaire
Unger, Laura.....	Tuscarawas
Van Dyke, Stella May.....	Athens
Van Heyde, Bertha.....	Carey
Van Voorhis, Louie Edith.....	Hendrysburg
Van Voorhis, Omer Everett.....	Hendrysburg
Van Winkle, Anna M.....	Newark
Vance, Nellie.....	Lynchburg
Vance, William Hoadley.....	Hillsboro
Vandayburg, Pearle.....	Pataskala
Vandervort, Elizabeth.....	Loveland
Varner, May.....	Black Run
Veit, Elsie.....	Castalia
Vercoe, Herbert James.....	Athens
Vernon, Mary.....	Pleasantville
Voight, Olive Elizabeth.....	Sandusky
Voglesang, Nell.....	Wellston
Von Schriltz, Ruth.....	Chillicothe
Wadley, Vaughn.....	Athens

Name	Address
Wagner, Julia Ann.....	Bucyrus
Wagner, Lela Elsie.....	Carrollton
Wagner, Pauline.....	Beverly
Wallace, Martha Esther.....	Columbus
Wallace, Mary Iva.....	Jacobsburg
Walraven, Thomas Roland.....	Malta
Walsh, Ella Augustine.....	Cincinnati
Walsh, Josephine.....	Vincent
Wamsley, Osa.....	Otway
Ward, Theron William.....	Athens
Warfield, Mae.....	Belpre
Warnock, James Boyd.....	Warnock
Warren, Effie.....	Caldwell
Watkins, Mary Carson.....	Athens
Watkins, Nettie E.....	Athens
Weidner, Amelia.....	Toronto
Welch, Charles Edwin.....	Athens
Welch, Mary Elizabeth.....	Beloit
Welsh, Ethel Mae.....	Glen Roy
Wentz, Esther.....	Kenton
Wharton, Marjorie Edith.....	New Marshfield
Wharton, Maud Hazel.....	Barnesville
Wherley, Edith Gertrude.....	Mineral City
White, Bernice Eva.....	Middlefield
White, Clara Minerva.....	Columbiana
White, Gladys Irene.....	Castalia
White, Lola Florence.....	Sciotoville
Wiedemer, Lottie Becht.....	Norwood
Wilkes, Fred Arnold.....	Athens
Williams, Carrie.....	Athens
Williams, Coral May.....	Crooksville
Williams, Eva.....	Lebanon
Willis, Vernon Louise.....	Ironton
Willoughby, Ida May.....	Ashville
Wilson, Thelma.....	Columbus
Wilson, Walter H.....	London
Winget, Nora Annice.....	Gillespieville
Winters, Lloyd Nelson.....	Clyde
Witt, Charles Edward.....	Athens
Wolf, Scott.....	Athens
Wood, Nannie.....	Portsmouth
Wood, Oliver Lee.....	Good Hope
Worrall, Paul Clifton.....	Chesterhill
Wright, Alice English.....	Mt. Pleasant
Yost, Mildred Annette.....	Mingo Junction
Young, Shirley May.....	Jacksonville
Young, Virginia Charlotte.....	Athens
Zenner, David Roe.....	Athens
Zimmerman, Gladys.....	Albany

UNIVERSITY EXTENSION STUDENTS

(Not elsewhere enumerated)

Name	Address
Aeh, Bessie	Whealersburg
Anderson, Mary F.....	Portsmouth
Baird, F. W.....	Winchester
Bates, E. E.....	Crooksville
Bean, Lelia.....	Guysville
Beckett, Bertha Mae.....	New Lexington
Black, Elbert.....	Winchester
Brawner, Matilda.....	West Union
Bridgman, Bertha	Athens
Brodt, Helen Louise.....	West Union
Brown, Frankie.....	Fincastle
Cable, Julia Luella.....	Athens
Cable, Mayme L.....	Athens
Carr, Alberta.....	Athens
Chick, Mildred E.....	Portsmouth
Chilton, Irene Enola.....	Rendville
Chrissman, Eva Fenton.....	Winchester
Christman, Mary Edith.....	Coalton
Comins, Alice L.....	Portsmouth
Conkle, Florence.....	Seaman
Connell, Margaret.....	Athens
Cook, Ruth.....	Portsmouth
Cross, Tirzah.....	Portsmouth
Crossin, Margaret.....	Jackson
Davis, Oda.....	Coalton
Davisson, Alma.....	Portsmouth
Dawson, Vinnie.....	Portsmouth
Dinsmore, Guy.....	Carbondale
Drake, Maude M.....	Athens
Duewel, Anna.....	Portsmouth
Eckhart, S. D.....	Portsmouth
Eckman, J. R.....	Winchester
Edenfield, A. C.....	Winchester
Edington, Hazel Clare.....	Nelsonville
Eddy, Iva.....	Athens
Evans, Ella.....	Jackson
Evans, Margaret.....	Portsmouth
Eyre, W. E.....	Seaman
Fairve, Mame.....	Portsmouth
Fawn, Nellie L.....	Portsmouth
Fenton, Blanch.....	Winchester
Fieger, Clyde Edward.....	Nelsonville
Foster, Grace Rowles...	Athens

Name	Address
Friedland, Gertrude M.	Coalton
Geist, Edna E.	Sciotoville
Gerlach, Anthony	Wheelersburg
Goddard, Nellie	Portsmouth
Gordon, Blanche	New Lexington
Grumme, John	Portsmouth
Hanna, Julia A.	Jackson
Harrell, Sadie	Jackson
Harris, Marie	Rendville
Hayden, Jeannette E.	Nelsonville
Heid, Linnie	Portsmouth
Hemsley, Nell Ermine	Glouster
Henson, Morris A.	Jackson
Holmes, Gussie	Portsmouth
Hooper, Edith	Athens
Hooper, Hettie	Athens
Horton, Irene	Zaleski
Houser, Edna C.	Jackson
Howland, Davis	West Union
Howland, Myrl	Winchester
Jackson, Lloyd McKenzie	West Union
James, M. E.	Mt. Perry
Jones, Ethel M.	Rendville
Jones, Lucy B.	Jackson
Kirk, Kathlene	Winchester
Lauth, J. E.	Russellville
Llewellyn, Daisy	New Marshfield
Llewellyn, Orpha May	New Marshfield
Logan, Olive	Athens
Long, Adele	Portsmouth
Lynn, Mattie H.	Portsmouth
McBee, Edith	Athens
McCarty, Etta	Portsmouth
McClure, O. E.	Cherry Fork
McColm, Ida F.	Portsmouth
McKee, Effie	Nelsonville
McKeown, (Mrs.) P. A.	Portsmouth
McKitterick, James A.	Jackson
Mackintosh, Alice Ross	Portsmouth
Mahaffey, Clifton	West Union
Martin, E. F.	Seaman
Mathias, A. O.	West Union
Minaugh, Mary	New Lexington
Morton, F. L.	Manchester
Murphy, Frank	Stewart
Musser, Mame	Portsmouth
Naylor, C. M.	West Union

Name	Address
Neel, Lottie.....	Cherry Fork
Nevin, Ruby.....	Winchester
Newell, James Edward.....	Jackson
Newland, Louise.....	Portsmouth
Nickel, Julia Maude.....	Portsmouth
Noel, Blanche P.....	Portsmouth
Noel, Garnet.....	Portsmouth
Norris, Elizabeth.....	Portsmouth
Nunemaker, Joseph P.....	Columbus
Oakes, Mary M.....	Portsmouth
Parrott, G. H.....	Jackson
Patton, Elma E.....	New Concord
Peters, Earl.....	Coalton
Pray, Ruth.....	Portsmouth
Pyers, Donald A.....	Crooksville
Reeder, Anne.....	Athens
Reeder, Grace.....	Athens
Rees, B. T.....	Winchester
Reighley, W. W.....	Winchester
Reissinger, Catherine.....	Portsmouth
Rice, Mildred.....	Stewart
Richmond, W. P.....	Manchester
Ricketts, John W.....	Crooksville
Ridenour, Chauncey Owen.....	New Lexington
Ridenour, Margaret May.....	New Lexington
Rodgers, Icy Pearl.....	West Union
Roebuck, H. E.....	Bentonville
Roebuck, Harry Miller.....	West Union
Roebuck, Jessie Neil.....	West Union
Roebuck, Maude Foreman.....	West Union
Ross, D. E.....	Portsmouth
Rowe, Clara F.....	Portsmouth
Ryan, Ruth.....	West Union
Sanders, Mary Coptalia.....	New Marshfield
Satterfield, Sophia.....	West Union
Schlichter, Loraine.....	Portsmouth
Scott, Nelle.....	Athens
Shively, Margaret.....	Jackson
Shumaker, Alma.....	Winchester
Shumaker, J. E.....	West Union
Shumaker, M, D.....	West Union
Smithson, Dorothy.....	Peebles
Smittle, Edwin.....	West Union
Steele, Mame.....	Jackson
Stevenson, Gus.....	Cherry Fork
Steinbrook, Nina.....	New Lexington
Stevenson, Lena.....	Cherry Fork

Name	Address
Stivers, C. W.....	Cherry Fork
Stivers, Verna.....	Cherry Fork
Stoyle, Kate.....	Shawnee
Swift, Martha A.....	Jackson
Thatcher, Emma.....	Friendship
Thatcher, James W.....	Friendship
Thompson, Blanche.....	West Union
Thompson, L. A.....	Portsmouth
Thoroman, Jennie May.....	West Union
Toland, Angie.....	Portsmouth
Trotter, Verda.....	West Union
Walker, E. A.....	Seaman
Walker, Edith.....	New Marshfield
Wallar, Elsie.....	Jackson
Walsh, Ethel.....	Athens
Warner, John F.....	Portsmouth
Wickham, Monte.....	Athens
Wikoff, James L.	Bentonville
Wilhelm, Bertha M.....	Portsmouth
Williams, Catherine.....	Portsmouth
Williams, Clara.....	Athens
Williams, Mary.....	Athens
Willis, Charles V.....	Sciotoville
Wolf, Effie.....	Nelsonville
Yarger, Floyd A.....	Shawnee
Yocum, Florence Clayton.....	Athens
Zinnacher, Mae.....	Portsmouth

GENERAL SUMMARY

1913-14

College of Liberal Arts

Post-Graduates.....	4
Class of 1913.....	52
Seniors.....	41
Juniors.....	49
Sophomores.....	115
Freshmen.....	180
*Irregular and Special.....	171

612

State Normal College

Post-Graduates.....	6
Class of 1913.....	32
Seniors.....	21
Juniors.....	31
Sophomores.....	162
Freshmen.....	177
Irregular and Special.....	64
State Preparatory School.....	172

665

Summer School..... 841

Total 2118

Names Counted more than once..... 6

Net Total 2112

University Extension Students..... 164

Grand Total 2276

ENROLLMENT OF STUDENTS FOR THE PAST FIVE YEARS

1909-10	1910-11	1911-12	1912-13	1913-14
1597	1787	1832	2037	2276

(•Note: The large number of special and irregular students is mainly due to the College of Music and the School of Commerce.)

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UNIVERSITY CALENDAR, 1913-1914

Second Semester

Saturday, January 31.....	Registration of Students
Monday, February 2.....	Registration of Students
Tuesday, February 3.....	Recitations Begin
Friday noon, April 10.....	Easter Vacation Begins
Monday noon, April 20.....	Easter Vacation Ends
Thursday noon, June 18....	Commencement Day and the Close of the Second Semester

Summer School

Saturday, June 20.....	Registration of Students
Monday, June 22.....	Registration of Students
Tuesday, June 23.....	Recitations Begin
Friday, July 31.....	Close of Summer School

UNIVERSITY CALENDAR, 1914-1915

First Semester

Saturday, September 12.....	Registration of Students
Monday, September 14.....	Registration of Students
Tuesday, September 15.....	Recitations Begin
Wednesday noon, November 25...	Thanksgiving Recess Begins
Monday noon, November 30.....	Thanksgiving Recess Ends
Friday noon, December 24.....	Holiday Recess Begins
Monday, January 4.....	Holiday Recess Ends
Friday, January 29.....	First Semester Ends

Second Semester

Saturday, January 30.....	Registration of Students
Monday noon, February 1.....	Recitations Begin
Friday noon, April 2.....	Easter Vacation Begins
Monday noon, April 24.....	Easter Vacation Ends
Thursday noon, June 17.....	Commencement Day and the Close of the Second Semester

Summer School

Saturday, June 19.....	Registration of Students
Monday, June 21.....	Registration of Students
Friday, July 30.....	Close of Summer School



New Series

Vol. XII, No. 3

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CATALOGUE NUMBER
1915-1916

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CATALOGUE
OF
OHIO UNIVERSITY
ATHENS, OHIO

1914-1915

AND

CIRCULAR OF INFORMATION

FOR

1915-1916

PUBLISHED BY THE UNIVERSITY

1915

*"That there shall be an University instituted and established in the town of Athens, * * * for the instruction of youth in all the various branches of the liberal arts and sciences, for the promotion of good education, virtue, religion, and morality, and for conferring all the degrees and literary honors granted in similar institutions."*

Section 1, Territorial Act, January 9, 1802.

"Whereas, institutions for the liberal education of youth are essential to the progress of arts and science, important to morality, virtue, and religion, friendly to the peace, order, and prosperity of society, and honorable to the government that encourages and patronizes them, etc."

Preamble, Act of Ohio Legislature Establishing the Ohio University, at Athens, February 18, 1804.

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AND
THE STATE NORMAL COLLEGE

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GENERAL INFORMATION

OHIO UNIVERSITY

ORIGIN OF THE UNIVERSITY

The existence of the Ohio University was provided for as early as 1787, in the purchase of lands made from the Government of the United States by the Ohio Company of Associates. By the contract between these two parties, two townships of land were set apart for the purpose of a University, and placed under the care of the Legislature of the State. The University was organized under an act of the Legislature passed February 18, 1804. Its Trustees are appointed by State authority, and the Governor of the State is, *ex-officio*, a member of the Board. Recent legislation confirms the position of the University as one of the educational wards of the State of Ohio. State support gives the institution an annual revenue of about \$100,000. Other sources of income, including special appropriations, increase the amount above named to over \$300,000. Special appropriations for buildings and equipment during the last twelve years, ending with February, 1914, have amounted to \$924,748.

LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the city are unsurpassed. Its principal streets are paved; it is provided with water-

works and sewerage; its Board of Health is vigorous and efficient. There are few cities in the country that are more desirable as a place of temporary or permanent residence than Athens. There are no saloons.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at certain seasons from some of the neighboring summits, afford a quiet and varied beauty.

BUILDINGS

The University buildings, not including numerous small structures, are fifteen in number. Nine of them are grouped on the campus.

Manasseh Cutler Hall, formerly known as the Central Building, was erected in 1817, and is the oldest college edifice northwest of the Ohio River. This venerable structure is dear to many by strong and tender association. It has been modernized and is admirably adapted to its uses for college work.

Ewing Hall, named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art room, various class-rooms, and the administrative offices.

Ellis Hall, the building occupied by the department of the State Normal College, now ten years in use, is the first building in Ohio, erected at state expense, given up wholly to the training of teachers for service in public schools. It is one of the largest, best, and most costly buildings on the grounds.

Carnegie Library, fully equipped and in running order, is situated in the southwest corner of the campus. In 1914 a \$25,000 wing was added to the north side. It presents a fine appearance and suggests the highly practical service it is rendering to the educational work of the University.

The buildings known as **East Wing** and **West Wing** are nearly as old as **Manasseh Cutler Hall**. They afford class-room and laboratory facilities for certain departments of instruction as well as comfortable quarters for a number of male students.

The **Old Chapel**, so called, stands apart from the other buildings. Some of the work of the College of Music is carried on in this building. Here the Athenian, Philomathean, and Adelphean literary societies meet. On the first floor is an assembly room often used when narrower quarters than those found in the assembly room of Ewing Hall are desired.

Women's Hall is located nearly opposite the north entrance to the campus. It is a fine brick structure heated by steam, where convenient and pleasant rooms are occupied by a Matron, and ninety women students.

Boyd Hall, a dormitory for young women, has a frontage of 150 feet on Park Place and a depth of 100 feet. It is heated by steam and lighted by electricity. Each bedroom is well lighted and has ample closet space. Accommodations are provided for eighty-eight students.

The **Gymnasium** is a handsome structure containing a swimming pool, lockers, offices and all the appliances found in a complete gymnasium.

The **Central Heating Plant** has recently been doubled in size. The University Electric Light Plant has been installed here with new and fuller equipment. It is intended that every building on the University campus shall get its heat and electricity from this Central Plant.

Science Hall. This building was occupied for the first time in 1912. It is a commodious structure, consisting of a well-lighted basement and three carefully arranged stories above ground. With its equipment it has cost about \$120,000. In it are the departments of Physics, Chemistry, and Biology.

Agriculture and Household Arts building was completed in the spring of 1915. It is a handsome edifice costing \$90,000. It is located on a street facing the campus, within a minute's walk of the two dormitories for women. The basement contains a large cafeteria.

The **Training School** of the State Normal College, a model building of its kind, has been erected and equipped at a cost of \$70,000. It contains ten classrooms, twelve recitation rooms,

rest-rooms, offices, and an auditorium with seating capacity for 400 persons.

Hospital. A private residence has been placed on University property and fitted up for hospital purposes. It is designed for the isolation of cases of contagious diseases which may break out among those residing in the dormitories, and also to afford a quiet place where skilled nursing may attend to any serious illness. It is reserved for the use of young women only.



COLLEGES AND DEPARTMENTS OF OHIO UNIVERSITY

All educational effort at Ohio University is included in the work of the **College of Liberal Arts** and the **State Normal College**. The following outline shows in condensed form the educational work now offered in the schools and departments of these two colleges of Ohio University:

COLLEGE OF LIBERAL ARTS

1. Courses leading to the degree of Bachelor of Arts (A. B.)

The following Schools and Departments are also parts of the College of Liberal Arts :

The School of Commerce:

1. A Collegiate Course—*two years*.
2. Special Courses in Accounting, Typewriting, and Stenography.
3. Teachers' Course in Stenography—*two years*.

Graduates of high schools having a four-year course will be admitted to the Collegiate Course without conditions.

College of Music:

1. Course in Piano and Organ.
2. Course in Vocal Culture.
3. Course in Violin.
4. Four-year Course leading to the degree of Mus. B.

School of Oratory.

1. Two-year Course for Graduates of High Schools.
2. Five-year Course in Connection with four-year College Course.

The Department of Physics and Electrical Engineering:

As a part of the scheduled work of this department there is a Short Course—two years—in Electrical Engineering. The course referred to leads to a diploma. It may all be taken as an elective course in connection with the A. B. Course as outlined in the catalogue, thus not only giving the graduate the degree of Bachelor of Arts; but also establishing a special foundation for his life work as well.

Department of Mathematics and Civil Engineering:

The work of this department is of wide range and special excellence. It includes a Short Course in Civil Engineering—two years. This course leads to a diploma, but students are urged to take the A. B. Course, choosing the subjects of this course as electives.

STATE NORMAL COLLEGE

1. A Course for Teachers of Rural Schools—*two years*.
2. Course in Elementary Education—*two years*.
3. Course in Kindergarten—*two years*.
4. Course in School Agriculture—*two years*.
5. Course in Manual Training—*two years*.
6. Course in Domestic Science—*two years*.
7. Course in Secondary Education—*four years*.
8. Course in Supervision—*four years*.
9. Professional Course for Graduates from reputable Colleges of Liberal Arts—*one year*.

Diplomas are also given for the completion of courses in Public-School Music and Public-School Drawing.

Admission to any of these courses, save No. 1, is based upon graduation from an accredited high school of the first grade.

STATE PREPARATORY SCHOOL

The Preparatory School, maintained in connection with the State Normal College, is felt to be a necessity under present educational conditions. Persons who can secure full high school training at home are urged to get it before attempting to gain admission to the Preparatory School, which is conducted

to help those who cannot secure adequate preparation at home. The needs of the teachers and prospective teachers, looking forward to the advanced work of the State Normal College, have been fully provided for in the courses offered.

Primarily, the Courses of Study are planned with two ends in view: (1) To give the student the best possible instruction for the time he may be able to remain in college, and (2) to enable him to make special preparation for regular work in one of the diploma or degree courses of the University.

THE UNIVERSITY SUMMER SCHOOL

The Summer School for 1915 will begin on Monday, June 21, and close on Friday, July 30. Last year there were 2404 students in attendance at the six-weeks session of the Summer School. Eighty-one Ohio counties were represented.

The work of the Summer School includes studies from the College of Liberal Arts and the State Normal College. A booklet giving details will be sent to any one desiring information about the Summer School. A handsome souvenir bulletin containing many illustrations and articles of interest will be sent to any one sending his address.

EXTENSION DEPARTMENT

The Ohio University, keenly alive to the wants of its constituency, has recently added the Extension feature as another arm of its service. This phase of the work began in a quiet way in the autumn of 1910. The demands steadily grew each year, till a department was organized with a Director at the head and a staff of regular teachers.

During the present year more than a thousand students, in upward of sixty centers, took advantage of the opportunity to pursue college studies under the direction of this Department.

The aim is to give, as near as possible, work equivalent to that done in the regular college classes. Credits, with limitations, counting on all courses in any department of the University are given. Traveling libraries are furnished to the various centers, and the work is maintained at a high standard.

This year forty-four different courses were offered. A special Extension Bulletin has been published which gives in detail the character of the work offered and the method of organizing centers. This will be sent on application to any one wishing to acquaint himself with this feature of the University's activities.

DEGREES

The Bachelor's degree (A. B., Mus. B., or B. S. in Education) is conferred upon students who have completed any one of the four-year courses laid down in another part of this catalogue.

An additional year's work, that is, thirty semester hours will be required for the securing of a second Bachelor's degree. To illustrate—if a student has earned the degree of A. B. by securing 120 semester hours, he must secure an additional thirty hours to receive the degree of B. S. in Education. The additional thirty hours shall be done in the line of his second degree upon the approval of a committee composed of the President, the Dean, and the professors under whom he is to do his work.

Ohio University does not confer the degree of Doctor of Philosophy (Ph. D.). Only graduates of the University are eligible to the honorary degree of Doctor of Divinity (D. D.).

The honorary degree of Doctor of Laws (LL. D.) is conferred upon those selected by joint action of the Faculty and the Board of Trustees. Other honorary degrees may be conferred when deemed proper by authorities above named.

GRADING

The following resolution (No 1.) was passed by the Faculty in 1914:

1. *Whereas*, It seems highly desirable that a grade given by the teacher should have as far as possible a standard meaning, and from your committee's investigation, and also from that made a year ago, it has been found that there is great diversity in the practice of the teachers of Ohio University with reference to the giving of grades:

Resolved, That hereafter an effort shall be made to conform to the following distribution of grades:

Of all the grades given by a teacher no more than ten per cent shall be A's, twenty-five per cent B's, forty per cent C's and twenty-five per cent D's. As there will likely be E's, as well as F's, the foregoing per cents are given as a guide rather than as a fixed proportion; but it is expected that each teacher shall aim to approximate in the long run the distribution here given. It is also to be understood that the distribution does not refer to any one class, but to the whole number of grades handed in by any one teacher or department.

It shall be the duty of the deans to publish each semester, for circulation among the faculty only, a circular showing the distribution of grades during the preceding semester, by each professor and instructor.

Meaning of the symbols used in grading:

A—With highest honor.

B—With honor.

C—Medium.

D—Sub-medium (passed).

E—Conditioned.

F—Failed.

The term C or *medium* indicates an average grade. It means that in a class of twenty-five about ten show average ability; above this line of mediocrity there are about nine who do their work with ability above the average; below this line of *medium* ability there are likely to be six who deserve but a D, E, or F. While a teacher is expected to use this faculty regulation as a helpful guide in standardizing grading, he is not to be obliged to conform to it with mathematical precision. Attention is called to the phrase, "to approximate in the long run the distribution here given."

2. If a student shall at graduation, in a four-year course, have had A's in four-fifths of his work, and above D in the rest, he shall have a seal on his diploma signifying "Highest Honor." If he shall have four-fifths in A's or B's and above D in the rest, he shall have a seal signifying "Honor." No student shall receive these honors who has not attended the University or the State Normal College at least four semesters.

3. In order to graduate, a student must have a grade above D in more than half his work.

4. Upon the removal of a condition, or upon passing special examination after a failure, the grade shall be recorded as a D.

5. When a student registers he shall declare the course he is taking; and then when he is enrolled in the catalogue his name shall appear in but one place.

At the beginning of every month each professor and instructor shall send to the Deans and Principal of the Preparatory School the name of each student whose work is unsatisfactory. Uniform cards will be furnished for this purpose. The names of students belonging to the College of Liberal Arts shall go to the Dean of that College, etc.

6. A student shall be enrolled as a Freshman until he has removed all entrance requirements.

THE MASTER'S DEGREE

Ohio University encourages its graduates to pursue their graduate work in the foremost graduate schools of the country. In recent years its graduates have undertaken successful graduate work in Harvard, Columbia, Yale, University of Chicago, University of Pennsylvania, Ohio State University, and in various technical and professional graduate schools.

By recent action of the faculty, taken in accordance with the desire of the Board of Trustees, Ohio University has decided to confine itself to undergraduate work. It was felt that the interests of higher education in the state would be best served by the state-supported universities combining their efforts for the developing of one effective graduate school and that this graduate school should be the one at Ohio State University; and that Ohio and Miami Universities should aim to strengthen and develop their undergraduate colleges. Both Ohio University and Miami University have representatives on the Graduate Council of the Ohio State University. The only exception to the rule that no graduate work shall be done at either Ohio or Miami University is that embodied in the sixth resolution herein quoted.

"That the administrative duties of the Graduate Council shall require the assignment of work required for degrees; supervision of its progress, wherever given; conduct of the examinations; and recommendations for degrees. All work for higher degrees will be given at the Ohio State University and subject to the continuing coöperation and approval of the Boards of Trustees of Ohio University, and Miami University, no graduate work will be offered by those institutions, except that candidates who are members of the instructional force at those institutions, may pursue their graduate work for the Master's degree there, subject to the supervision and control of the Graduate Council, and upon successful completion of the same, will receive their degrees from the Ohio State University."

SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Ohio University recognizes and gives full credit to the classifications of high schools made by the State Commissioner of Common Schools. Graduates from high schools of the first grade can enter the Freshman class of the College of Liberal Arts or the State Normal College, or enter upon the short courses in the School of Commerce, in Electrical Engineering, and in Civil Engineering *without examination*, provided they have completed at least fifteen units of secondary work as the terms are generally understood and applied in educational circles; also, graduates from high schools named in the accredited lists of colleges and universities of recognized high standing will be received, by certificate, on equal terms.

When any part of the fifteen units of secondary credit is made up of what may be regarded as legitimate college work the same will be accepted without examination, but no hours of *college credit* will be given therefor.

When the fifteen units of secondary credit do not include all the studies required as preparatory work by Ohio University, such studies may be regarded as electives, and included in the 120 hours of college work required for graduates.

The foregoing statements are made to show students that, in order to complete any one of the four-year degree courses,

they must have fifteen units of preparatory credit, and 120 hours of collegiate work.

A unit represents a year's study in any subjects in a secondary school, constituting approximately a quarter of a full year's work.

"This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week but, under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit."

To enter the Freshman class of Ohio University fifteen units are required.

Graduates from a "Commercial Course" of a first-grade high school will be given full credit for the special work there done, should they enter upon any course connected with the School of Commerce; but if such graduates seek admission to the Freshman class of the college of Liberal Arts, or the State Normal College, they will be given such credit as may be deemed just and proper by the Faculty Committee on Registration, after a careful examination of each separate case.

In all cases where students seek to enter any of the colleges or departments of the University without examination, they must present to the Registrar the legal certificate, or a certified copy thereof, which accompanies the diploma of each high school graduate; or a "Certificate of Application for Admission" prepared by the University, will be sent to prospective students thus enabling them to comply with the conditions hereinbefore stated.

Holders of High School Certificates, issued by the Ohio State Board of School Examiners, will be admitted to the Freshman class of any college or department of the University *without condition*.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

In exceptional cases students are admitted to classes for a week on trial, without examination, provided the professors in charge are reasonably certain that they can maintain their standing.

Women are admitted to all departments of the University on the same terms, and under the same conditions as those prescribed for men.

TABLE OF UNITS

As has been said, any graduate of a first-grade Ohio high school, approved and certified to by the State Department of Public Instruction, can gain admission to the Freshman class of Ohio University. For the information of those who desire to enter by examination or by means other than graduation from an Ohio high school the following table of units is given:

English.....	I, 2, 3, or 4 units
American History or American History and Civil Government.....	1 unit
Ancient and Medieval History.....	1 unit
English History.....	1 unit
Algebra (through quadratics).....	$\frac{1}{2}$ unit
Algebra (beyond quadratics).....	$\frac{1}{2}$ unit
Geometry (plane).....	1 unit
Geometry (solid).....	$\frac{1}{2}$ unit
Trigonometry.....	$\frac{1}{2}$ unit
Latin.....	2, 3, or 4 units
Greek.....	1, 2, 3, or 4 units
German.....	2, 3, or 4 units
French.....	2, 3, or 4 units
Spanish ..	2, 3, or 4 units
(With the exception of Greek, not less than two units of any foreign language will be accepted.)	
Physics.....	1 unit
Chemistry	1 unit
Physical Geography.....	1 unit

Zoölogy.....	1 unit
Botany	1 unit

Physical Geography	} For the present any two of these may be counted together as one unit.
Zoölogy	
Botany	
Physiology	

Agriculture	} The Registration Committee may, after investigating each claim, grant a total credit of not to exceed 2 units.
Free-hand drawing	
Manual Training	
Domestic Science	
Commercial Geography	

ENTRANCE BY CERTIFICATE

1. The certificate must be official. This means that it must be signed by some official of the school.

2. The certificate must be explicit. Detailed information as to course, text-book, number of recitations, length of recitation, and grade must be given. A diploma does not meet these requirements.

3. It should be sent to the Registrar's office before the opening of the semester, the earlier the better.

4. After the certificate has been sent in to the office, it becomes the property of the University.

5. Students coming from other colleges are required to present properly signed statements of work and certificates of honorable dismissal.

HELPS TO REGISTRATION

In order to expedite registration, several members of the Faculty act as advisers for the various colleges and departments of the University. The following selection has been made for the year 1915:

College of Liberal Arts, Dean Chubb.

Normal College, Dean Richeson.

Electrical Engineering, Professor Atkinson.

Civil Engineering, Professor Addicott.

School of Commerce, Professor C. M. Copeland.

College of Music, Professor Thompson.

State Preparatory School, Principal Coultrap.

School of Domestic Science, Principal Bohn.

Agriculture, Professor W. F. Copeland.

Training School, Principal Waite.

Rural Training School, Professor Mardis.

Before reporting to the registrar, *all students* should consult their course advisers, who will assist them to make out their work. They should next go to the Registrar's office, present their selection of studies, secure a registration card, and *pay their fees in full*.

Preparatory students will not be allowed to enroll for collegiate subjects unless their required preparatory work is not sufficient to complete their registration. Collegiate credit in any subject will not be granted to a student who is under fifteen years of age.

When a student has registered, no change may be made in his work, except in case of error, without the consent of his adviser and the Registrar. After three weeks, the consent of the Faculty is necessary.

DAYS FOR REGISTRATION

At the opening of the First Semester—in September—the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Tuesday from 7:30 A. M. to 11:30 A. M.

At the opening of the Second Semester the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 11:30 A. M.

Students who fail to register within the times designated will pay a registration fee of eleven and a half dollars.

A student who is unable to take the examinations at the end of a semester can take a special examination only upon special permission and the payment of a fee of one dollar. The fee is to be paid in advance to the Registrar.

All registration fees are due and payable in advance.

LIBRARY AND READING ROOM

In the study of Literature and History the most important aid, in addition to a good teacher, is a large stock of well-selected books. In this respect the Ohio University is liberally supplied. The pedagogical section of the library is extensive, including the most recent literature on this subject. The University libraries contain about 45,000 volumes, a large part of which are of recent purchase. Recently five thousand dollars have been appropriated each year for the purchase of books, magazines, and pamphlets. This liberal allowance has secured an abundance of the best recent literature in the various fields of scholastic activity. The reading room furnishes access to the latest contributions on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

During the year 1914-15 an addition to the library has been completed at a cost of \$25,000. This addition, in harmony with the original structure, will be used as a stack room, especially for the departmental libraries.

APPARATUS

The departments of Mathematics, Psychology, Physics, Chemistry, Biology, Elementary Science, Physiography, Manual Training, Domestic Science, Agriculture, Electrical Engineering, and Civil Engineering, are well equipped with valuable apparatus, which is put at the personal disposal of the student. These subjects are constantly illustrated by experiments, some of which are performed by the professor in charge, others by students under the direction of the professor.

The facilities for the work in science have been greatly increased by the removal of the Department of Physics, Electrical Engineering, Chemistry, and Biology into the new Science Hall, the commodious structure completed in 1912 at a total cost of about \$120,000.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnish each student with such apparatus, reagents,

etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well equipped for embryological and bacteriological work.

The Department of Physics and Electrical Engineering is well equipped for the work it undertakes to do. Additions are made each year both to the apparatus for class demonstration and to the equipment for individual laboratory work in the various courses. The laboratory for Elementary Physics is provided with apparatus for thorough work in mechanics, heat, light, sound, and electricity and magnetism. The laboratory for Advanced Physics is provided with all facilities for the more advanced phases of laboratory work.

The Electrical Laboratory contains much apparatus for absolute measurements in electricity and magnetism. The Dynamo Laboratory, in the basement of Science Hall, contains various types of dynamos, transformers, gas engines and steam engines; also the necessary forms of voltmeters, ammeters, wattmeters, tachometers, rheostats, indicators, and other appliances for the various electrical and steam tests. The shops are well provided with machinery and tools for both wood and metal working.

The Chemical Laboratory occupies the entire second floor of the new Science Hall. Here are modern lecture rooms, offices, dark rooms, lockers, and special laboratories both for elementary and advanced work in chemistry.

In the Department of Paidology and Psychology, a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences.

The Department of Mathematics and Civil Engineering is well equipped with the best modern appliances for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The equipment of the Manual Training Department is to be found in two large rooms in Ewing Hall. One room contains the machinery used in instruction in iron work; the other contains the wood-working appliances.

In the new "Agriculture and Household Arts" building is located the work in elementary agriculture, botany, and household arts, or domestic science. This large, handsome structure affords most excellent conditions for the work in these departments.

The Department of Physiography is equipped with reflectroscope, tellurin, globes, relief maps, wall maps, blackboard outline maps, individual globes and abundant library references.

The Art Departments—University and Normal—occupy a large, well-lighted suite of rooms with equipment of an up-to-date character. Facilities for carrying on the special work of these departments are unusually good.

THE MUSEUM

The Museum is located in the basement of the Carnegie Library. It already has a well catalogued and labeled collection of mineralogical, archæological and historical specimens. Many of these are rare and valuable. Among the special features to be seen are the Case Collection of geological specimens, the Lowry Filipino Collection, the Wickham Civil War Collection and the Wilmont Elton Brown Filipino Collection. Accessions are being made all the time and new quarters are necessary to accommodate the growing Museum.

DISCIPLINE—OPPORTUNITY

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to the student's self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

A record is made of the daily work of each student. When the standing of the student, as shown by his record and examination, falls below the passing grade, he must review the study.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will first be notified, and if he is not withdrawn within a reasonable time he will be dismissed.

DEAN OF WOMEN

With a view of furthering the best interests of the young women students of the Ohio University and in large measure in response to a desire on the part of those most interested in all that tends to moral and social uplift of young women, the board of trustees has appointed a Dean of Women. Her duties while somewhat indefinable may well be surmised by the parents as well as the students when it is considered that she stands as the focus for all matters pertaining to girls. The rooming conditions are improved in that segregation in rooming houses is now practically complete and wherever it does not occur the parents may rest assured that special dispensation has been granted only after careful consideration of the circumstances and the arrangement of the house. It is the aim to obtain, as nearly as possible, equal regulations for both dormitory girls and those living in private families. Adjustment and harmony are the watchwords.

FEEES

There is no charge for tuition in any of the regular preparatory or collegiate classes, but all students pay a registration fee of \$9.50 each semester. For the Summer School of six weeks the registration fee is \$3.00. From each semester fee \$2.00 is turned over to the control of the Faculty Committee on "Athletic, Lecture, and Entertainment Fund." From the \$4.00 collected each year \$1.00 is paid to the management of the college weekly. Each student thus becomes a paid-up subscriber to the "Green and White." Sixty-five per cent of the remaining \$3.00 is turned over to the treasurer of athletics, and the remaining thirty-five per cent is devoted to lectures and entertainments.

It is to be noted that the fee of \$9.50 is not a tuition fee, and that no refund will be made after a student has registered.

Students are required to pay for private work in painting, music, and oratory, and also for the material consumed in laboratory work. The following is the list of fees:

Registration fee.....	\$ 9 50
Registration fee, Kindergarten pupils.....	5 00
Registration fee for students taking work in Voice, Violin, or <i>advanced Piano only</i> :	
One lesson per week	5 75
Two lessons per week.....	9 50
Registration fee for students taking <i>elementary</i> work in Piano <i>only</i> :	
One lesson per week	3 50
Two lessons per week.....	5 00
Registration fee for students in extension classes, one course, fifteen lessons, each covering two hours.....	5 00
Music, private lessons—one per week.....	7 50
Music, private lessons—two per week.....	15 00
Harmony.....	4 50
Use of Piano, one hour per day	3 00
Stenography.....	6 00
Typewriting	3 00
Chemistry, first year.....	1 50
Chemistry, advanced and elective courses.....	3 00
Psychology	1 50
Paidology.....	1 50
Paidometry ..	1 50
Physical Laboratory, Prep. and Advanced	1 50
Machine Shop.....	1 50
Electrical Measurements	1 50
Dynamo Laboratory.....	1 50
Elementary Wood Work.....	1 50
Joinery.....	1 50
Cabinet Making.....	1 50
Pattern Making.....	1 50
Wood Turning.....	1 50
Hammered Metal Work.....	1 50

Field Work.....	\$ 1 50
Physiology.....	1 50
General Biology.....	1 50
Entomology.....	1 50
Bacteriology.....	1 50
Embryology.....	1 50
Histology.....	1 50
Anatomy.....	1 50
Civic Biology.....	1 50
Elementary Botany.....	1 50
General Botany.....	1 50
Plant Histology.....	1 50
Plant Pathology.....	1 50
Ecology.....	1 50
Apiculture.....	1 50
Horticulture.....	1 50
School Gardens and Floriculture.....	1 50
Farm Crops.....	1 50
Agriculture.....	1 50
Laboratory Methods in Agriculture.....	1 50
Soil Analysis.....	1 50
Handwork.....	2 00
Book Binding.....	2 50
Composition and Methods.....	50
Advanced School Drawing.....	50
Cooking.....	2 50
Demonstration and Home Cookery.....	2 50
Home Nursing and Invalid Cookery.....	1 00
Sewing.....	1 50
Dietetics.....	1 50
Millinery.....	1 50
Oratory, private lessons.....	28 00
Painting, full work.....	15 00
Diplomas.....	5 00
Certificates of Proficiency.....	1 50
Special Examination.....	1 00

All laboratory fees are payable at the beginning of each semester in which the laboratory work is required. To these fees is added a small charge for breakage—to careful students

usually not more than a few cents. Regular and special fees, save breakage fees, are collected by the Registrar when the student registers. Breakage fees are collected by the heads of departments. Any balance of such fees, after they have met the purpose for which collected, shall be returned to students upon their completion of the course, or when they withdraw from class with honorable dismissal.

Students of the College of Music who have paid the regular registration fee of \$9.00 are entitled to pursue other regular college work without paying additional fees.

Gymnasium—A deposit of \$1.00, collected by the Curator of the Gymnasium, is made by each student at the beginning of each college year, or whenever he enters college. This fee is to insure the proper use of the locker, the return of the locker key, and the right handling of the gymnasium equipment.

EXPENSES

Board and lodging can be obtained within a reasonable distance of the University at \$3.50 per week. By forming clubs, students may board at from \$2.50 to \$3.00 per week. Those students whose circumstances require it are allowed to board themselves, by which means their expenses may be still further reduced; but this plan is not recommended, because likely to be prejudicial to health and good scholarship.

All young women who are not residents of Athens are required to reside in Boyd Hall or Women's Hall, unless the rooms are all occupied. Only in special cases will exceptions be made. This regulation has been adopted with a view solely to the best interests of the young women themselves, and not with any purpose to restrict them in the enjoyment of every legitimate privilege. It is the aim of the management to make these quarters as attractive and pleasant as possible, and at the same time to keep the cost as low as is consistent with the accommodations provided. The cost of room and board is from \$3.75 to \$4.00 per week, according to the size and location of the room. Everything is furnished except soap and towels. About one hundred and eighty young women can be received.

Rooms will be assigned for the first semester of the college year, in order of application, after the first day of March each

year. However, no room will be assigned to any applicant unless a \$5.00 retaining fee accompanies the application. In case of inability to take the room the fee will be refunded, provided notice is given before September first. Otherwise the fee goes to the University whether the applicant comes or not. All rooms must be claimed by 5 o'clock on the evening of the second day of registration.

The entire amount of rent for each room is required at the beginning of each semester.

As persons frequently wish to know, as nearly as may be, the cost of a student for one year at the Ohio University, the following estimates are here given:

LOWEST		MEDIUM	
Registration fee.....	\$ 19 00	Registration fee.....	\$ 19 00
Laboratory fees.....	3 00	Laboratory fees.....	6 00
Board.....	95 00	Board.....	114 00
Room.....	38 00	Room.....	47 00
Books.....	15 00	Books.....	20 00
Laundry.....	20 00	Laundry.....	30 00
Incidentals.....	10 00	Incidentals.....	20 00
	<hr/>		<hr/>
	\$200 00		\$256 00

This estimate is for thirty-eight weeks, and includes all necessary expenses.

SELF-HELP

The Secretary of the Y. M. C. A., the University organization, conducts an Employment Bureau to assist young men in securing work which shall help in paying for their expenses while in college. Many young men earn at least their boarding expenses by serving as waiters in restaurants and boarding houses; others manage boarding clubs, act as agents for various commercial enterprises, and do odd jobs outside of college hours. Young women who desire work of some kind to help pay their expenses should write to the Dean of Women. A general caution, however, needs to be given. While an energetic student can find some way of paying at least part of his college expenses by his outside activities, it is often done at the expense of his scholarship. Second, the prospective student must remember that the best positions are already in the possession of the older

students. A student should not come to college without having enough ready money to carry him through the first semester.

THE ALUMNI LOAN FUND

In 1908 about twenty-five hundred dollars was contributed by the Alumni and friends of the University for the purpose of furnishing loans to students taking a degree course. To receive a loan a student must have completed one-half of his college work. By November, 1914, over \$3,400 had been returned by borrowers, and \$2,836 was outstanding in loans. Five per cent interest is charged. The Fund is administered by a committee consisting of the Dean of the College of Liberal Arts, the Registrar, and President J. D. Brown, Bank of Athens. Contributions to this fund will be gladly accepted.

WOMAN'S LEAGUE LOAN FUND

The Woman's League has established a Loan Fund to be known as the Woman's League Loan Fund. The object is to assist girls with short loans payable within a period of three months or less, the loans not to exceed \$15. A committee composed of the President of the University, President of the Woman's League, and Dean of Women, will judge all requests for loans from this Fund.

RELIGIOUS INFLUENCE

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind;" and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three.

YOUNG PEOPLE'S CHRISTIAN ASSOCIATIONS

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished, presenting a home-like and inviting appearance.

LITERARY SOCIETIES

There are four literary societies in the University, the Athenian, the Philomathean, the Adelphean, and the Chrestomathean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in Declamation, Composition, and Oratory, and to become familiar with the modes of conducting business in deliberative assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

The first annual contest in oratory, between the Athenian and Philomathean literary societies, was held in the Spring Term of 1901. Each succeeding college year has brought a contest of similar nature. Up to 1907, when Mr. J. D. Brown donated \$100 for the prizes, the prizes were as follows: First prize, \$30; second prize, \$20.

THE "BROWN PRIZE IN ORATORY."—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University, and a special nterest in the oratorical contests, has made provision for prizes

to be awarded to the three oratorical contestants winning highest grades, as follows: First prize, \$50.00; second prize, \$30.00; third prize, \$20.00. This generous action has stimulated increased interest among students, in the work of the literary societies.

In June, 1914, the three prize winners were: Samuel Shafer, Adelphian, first prize; Frances McAuslin, Athenian, second prize; Carleton Blake, Philomathean, third prize.

STUDENT ORGANIZATIONS

In addition to the Christian and Literary societies already mentioned there are various organizations, the nature of which is indicated by their titles—The English Club, The Science Club, The German Club, Le Cercle Francais, The Chemical Society, The Glee Clubs, The Oratorical Association, The Dramatic Club, The Booklovers' Club, and the Art Club. There are also a number of Greek-letter sororities and fraternities, and two non-Greek associations, the Phrenocon and the Aloquin.

In the fall of 1913 The Woman's League was formed with the object, as stated in its constitution, "To foster the spirit of unity and loyalty to Ohio University, and to be a medium by which the moral and social standards shall be made and kept high."

THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem. In 1913 the prize was awarded to Miss Clara E. Vester.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Prof. George E. Woodberry, Prof. Henry Van Dyke, Mr. Hamilton W. Mabie, Prof. Richard Burton.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize

are herewith given: *they must be observed in every particular.* Amount, about \$120. Date of award soon after the opening of the second semester, 1917.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of Ohio University before the opening of the second semester, 1917.

The prize will be awarded upon the merits of the production, not its length.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the production submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character, and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

FACILITIES FOR PHYSICAL EDUCATION

THE GYMNASIUM is well equipped, and affords excellent opportunities for development of the physical nature.

A fine running track has just recently been built in the gymnasium. This track is banked for the greatest possible speed, has a cork padding, and is one of the best indoor tracks in the state. In size, it is twenty laps to the mile.

Much new apparatus has also been added to the gymnasium within the last year: Several new mats, parallel bars, horse, jump-stands, kicking-pans, vaulting bar, suspended ladder, and striking-bag platform with bag. All of this apparatus is of the latest design.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each student as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given to both ladies and gentlemen.

ATHLETIC FIELD—The athletic field is a level tract of ten acres, owned by the University, and situated a few minutes' walk southward from the campus. The field has been equipped especially for baseball, football, tennis, and track.

ATHLETIC RULES—1. Two semesters of gymnastic work are required in *all courses*.

2. This work covers two hours each week throughout the period required.

No credit will be given for work done in the gymnasium.

Work in the gymnasium is to begin as soon after matriculation as the above regulations will admit.

Where possible, the two semesters of gymnasium work should be done the first year, and must be completed before the student graduates from any course leading to a diploma or a degree.

SUPERVISION OF ATHLETIC SPORTS—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the officers of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games. These games are played under Ohio Conference rules.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigations of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

COLLEGE OF LIBERAL ARTS

COURSES OF STUDY

The degree of Bachelor of Arts (A. B.) is given by Ohio University to those students who complete a four-year course (120 semester hours) in the College of Liberal Arts. An hour is one class period a week for one semester, each class period presupposing two hours' preparation by the student, or the equivalent in laboratory work. (In lecture courses in which little or no outside work is required, one hour of credit shall be given for two hours of class instruction).

By receiving credit for fifteen hours a semester, a student can graduate in four years; by attending the Summer School for three sessions and taking eighteen hours after his first year, he may finish his course in three years. Only the physically strong and mentally alert should attempt to finish a four-year course in three years. To those who take the four-year course in music, the degree of Mus. B. is given.

Liberal Arts students who desire a provisional high school certificate will meet the requirements of the state department by electing three hours of practice teaching and twelve semester hours distributed among the following subjects: History of Education, Science of Education, or Principles of Education, Methods of Teaching, School Management, and Psychology. The remaining fifteen hours may be selected from the above

subjects or from Psychology, Sociology, Ethics, and Philosophy.

It will be observed that during the first year, the student is obliged to follow prescribed studies, but that thereafter he has opportunity to choose from a wide range of electives. If he intends to teach, he may include those professional studies which are given in the State Normal College; if he is going into business, he may select from the School of Commerce; if he intends to be a physician, he may select from the chemical and biological department; if he intends to become an electrical or civil engineer, he may select from the departments of mathematics and physics; if she wishes to combine culture with a knowledge of the practical household arts, she may select from the department of Household Economics.

By arranging the studies in four groups and requiring a minimum from each group, it is hoped that the danger of narrowness of culture has been avoided, while by requiring a maximum in one group it is expected that the student will have opportunity to develop power by intensive study of closely related subjects.

It should be added that during the past year the group system has been adopted so as to bring the course of study in closer relationship with the courses at the other institutions of higher learning supported by the state of Ohio. The revised course of study goes into effect in September, 1915.

REQUIREMENTS FOR GRADUATION

The Four Groups

The departments are arranged in four groups:

(A) LANGUAGE AND LITERATURE.

English, Latin, Greek, German, French, Spanish, Fine Arts, and Music.

(B) NATURAL SCIENCES.

Astronomy, Biology, Botany, Chemistry, Geology, Physiology, and Physics.

(C) SOCIAL SCIENCE.

History, Government, Economics, Commerce.

(D) PHILOSOPHY AND MATHEMATICS.

Philosophy, Psychology, Mathematics, Logic, Education, (with the exception of Mathematics no subject in this group is open to Freshmen.)

Regulations

1 In addition to the 120 hours, two semesters of gymnasium work are required of all students.

2 Group requirements:

(A) Language and Literature Group.

(1) Freshman English Courses 1 and 2, totaling 6 hours must be taken by all students. Three additional hours must be taken by those students who have not credit for three entrance units in English.

(2) In high school and college together the student must secure credit in at least two languages other than English. For those who enter with six units in languages other than English, the college requirement is eight hours; for those with five units, twelve hours; four units, sixteen hours; three units, twenty hours; two units, twenty-four hours; one unit, twenty-eight hours; no units, thirty-two hours. The student may not offer less than a year's work in any foreign language.

(B) Natural Sciences.

Every student is required to secure credit for at least six semester hours in one biological science, (Physiology, General Biology, Bacteriology); but students who enter with one unit in Botany or one

unit in Zoology are excused from this requirement.

- (2) Every student is required to secure credit for at least twelve semester hours in non-biological sciences (Astronomy, Chemistry, Geology, or Physics), of which at least a one-year course shall be in Chemistry, or Physics; but with students who enter with a unit of either Chemistry or Physics, the requirement is eight semester hours in one of the sciences of this group, and students who enter with one unit in Chemistry and one unit in Physics are excused from the non-biological science requirement.
- (C) Every student is required to secure credit for at least twelve semester hours in the Social Science Group, of which at least six semester hours shall be in European or American History; but for students who offer one or more units in history for entrance, the requirement is six semester hours in one of the Social Sciences.
- (D) Philosophy and Mathematics.

Every student must secure credit either in high school or in college for Algebra through Quadratics and for Plane Geometry. He must in addition secure credit in college for six semester hours in Mathematics, or Philosophy, or Psychology.

- 3 Maxima and Minima: At least 36 hours required for the degree must be in some one of the groups mentioned above, and at least 18 in some other one of the groups mentioned above. In no one of the groups may more than 60 hours be credited for the degree. The hours here mentioned do not include the hours in the first course.
- 4 Courses open to freshmen: At least 36 hours of the 120 required for the degree must be in courses not open to freshmen (Courses open to freshmen, if elected by seniors, give credit diminished by one hour).
- 5 During the first semester no freshman may take more than 16 hours, nor more than 17 in the second. Under no circumstances may a student take more than 18 hours

and then only after his preceding semester's work has been of a high grade.

- 6 In applied Music and Painting, but six hours of credit will be allowed to a candidate for a Bachelor's degree. In Manual Training and Domestic Science but six hours shall be allowed for such work as wood work, and sewing and cooking. Only the first year's work in Stenography shall count as college credit. In the College of Liberal Arts, six hours will be allowed for practice teaching done in high school subjects. For such work as Voice Culture, Pantomime and the mechanical side of Oratory no credit shall be given. A total of twelve hours will be allowed from all the subjects above named, and no more.
7. Any student of the College of Liberal Arts who shall have completed the requirements of the freshman, sophomore, and junior years, and who shall thereafter have completed his first-year course in law or medicine at Ohio State University or any other institution of learning approved by the president and faculty of Ohio University shall be entitled to receive his Bachelor's degree from Ohio University.

COURSE LEADING TO THE DEGREE OF BACHELOR OF ARTS IN HOME ECONOMICS

There are students who wish to take a course in *Home Economics* but who do not wish to teach. For such the following course has been prepared. It is a four-year course and leads to the degree of A. B. in the College of Liberal Arts.

FRESHMAN YEAR

FIRST SEMESTER		SECOND YEAR	
A Foreign Language	4	A Foreign Language	4
Chemistry	4	Chemistry	4
Sewing I.	2	Sewing II.	2
Cookery I	2	Cookery II	2
English Composition	3	Textiles.....	1
Food Study	3	Applied Design	2
—	18	English Composition	3
			18

SOPHOMORE YEAR

A Foreign Language.....	3	A Foreign Language.....	3
European History.....	2	European History.....	2
Primary Hand work.....	2	Bacteriology.....	2
Sewing III.....	2	Sociology.....	2
Cookery III.....	2	Sewing IV.....	2
Sanitation.....	2	Cookery IV.....	2
Household Management.....	3	English.....	3
	<hr/> 16		<hr/> 16

After the student has completed these 68 hours, she shall for the degree of A. B. complete 62 additional semester hours. These hours shall include those subjects that are needed to meet the requirements for graduation in the regular A. B. course.

It will be noted that 130 hours are required for graduation in this course. This is owing to the 16 hours of sewing and cooking, 10 of which are not counted for the A. B. degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

FRESHMAN YEAR

FIRST SEMESTER

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
Musical History.....	2
German or French.....	4
English Composition.....	3

SECOND SEMESTER

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
Musical History.....	2
German or French.....	4
English Composition.....	3

SOPHOMORE YEAR

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
German or French.....	4
English Literature.....	3
European History.....	3

Piano, or Voice, or Violin, or Organ.....	4
Harmony.....	2
German or French.....	4
European History.....	3

JUNIOR YEAR

Piano, or Voice, or Violin, or Organ.....	4
Counterpoint.....	3
German or French.....	2
Psychology.....	3
English Literature.....	2

Piano, or Voice, or Violin, or Organ.....	4
Counterpoint.....	3
German or French.....	2
Psychology.....	3
English Literature.....	2

SENIOR YEAR

Piano, or Voice, or Violin, or Organ.....	4
Interpretation and Form.....	3
Instrumentation.....	3
German or French.....	2
Science of Education or Philoso- phy or Logic.....	3

Piano, or Voice, or Violin, or Organ.....	4
Interpretation and Form.....	3
Instrumentation.....	3
German or French.....	2
Science of Education or Philoso- phy or Logic.....	3

DETAILED STATEMENT OF THE DEPARTMENTS OF INSTRUCTION

COLLEGIATE DEPARTMENT

Even numbers designate first semester courses.

Odd numbers designate second semester courses.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR CHUBB

ASST. PROFESSOR MACKINNON

The aim of the English Department is two-fold, to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

When studying literature, emphasis will also be placed upon the practice of composition, and in the classes in rhetoric much attention will be given to the study of literature.

Professor Chubb, Courses 1, 2, 3, 4, 5, 6, 7.

Asst. Professor Mackinnon, Courses 1, 2, 8, 9, 10, 11, 15, and 16.

1 *Freshman English*

Required of all students. There are two definite purposes: (a) The endeavor to increase the student's power of self-expression through emphasis upon practice in oral and written composition; (b) A systematic preliminary survey of English literature. There will be four sections. 3 hours

2 *Freshman English*

Continuation of Course 1.

3 *Survey of English Literature*

Based largely on a study of selections in *Century Readings*.
Prerequisite courses, 1 and 2. 3 hours

4 *Shakspeare*

Prerequisite, courses 1 and 2. 3 hours

5 *Tennyson*

Prerequisite, courses 1 and 2. 2 hours

6 *Browning*

Prerequisite, eight hours of English. 2 hours

7 *Modern Prose*

Course in reading modern essays with practice in writing.
Alternates with course 5. Prerequisites, 1 and 2. Omitted in
1915-16. 2 hours

8 *Byron, Keats and Shelley*

A study of the most important poems. A sequence to
course 9. 2 hours

9 *The Romantic Movement in English Literature*

The course will cover the beginnings of the movement in the
eighteenth century, its culmination in the early years of the
nineteenth century with Scott, and later developments with the
Pre-Raphærites. This course alternates with course 15. 3 hours

10 *The Modern Drama*

Some of the most important plays will be read from Ibsen,
Sudermann, Hauptmann, Mæterlinck, Rostand, Pinero, Shaw,
Jones, Galsworthy, Fitch, Strindberg, and Kennedy. This
course alternates with 16. 2 hours

11 *Advanced Composition*

The work will deal mainly with the short story, but the
course may be varied to suit the wishes and needs of the class.
Open only to those who have shown superior ability in courses
1 and 2. 2 hours

13 and 14 *The English Bible*

Courses in the Old Testament and the New Testament are
given throughout the year by Professors Evans and Treudley.
1 hour

15 *English Prose Fiction*

A study of the English novel. Instruction mainly by lectures. Prerequisite, courses 1 and 2. Omitted in 1915-16.
3 hours

16 *Early English Literature*

A study of the Middle English period, particularly of Chaucer, the popular ballad, and the origin of the English drama. Omitted in 1915-16.
2 hours

GREEK

PROFESSOR DUNKLE

It is the aim of this department to enable students to read the authors commonly read in colleges, and to make them acquainted as far as possible with the literature and life of the ancient Greeks. In teaching the language, especially that of Homer, attention is drawn to those words that are etymologically related to other languages, particularly Latin, German and English. Especial prominence is given, as the student progresses, to the following points: first, form; second, vocabulary; third, relation to cognate languages; fourth, literature and history. It is a well-established principle in teaching ancient languages that the study should be made, as far as possible, the basis of a study of antique life. The Greek language embodies the experience of the most remarkable people of antiquity—a people whose achievements in literature, in the arts, and in government have been, and doubtless will continue to be, inexhaustible sources of profitable instruction.

31 and 32 *Freshman Greek*

This is a course in elementary Greek. During the first semester White's First Greek Book will be used, in the second semester the class will complete this text and read the first book of Xenophon's *Anabasis*.
4 hours

33 *Xenophon's Anabasis, Books II, IV and Greek Prose*

4 hours

34 *Homer's Iliad, and Greek Prose*

4 hours

35 *Herodotus*

3 hours

36 *Plato's Apology and Krito*

3 hours

37	<i>Demosthenes de Corona</i>	3 hours
38	<i>The Medea of Euripides and Sophocles' Antigone</i>	3 hours
39 and 40	<i>New Testament Greek</i>	1 hours

DEPARTMENT OF LATIN

PROFESSOR EVANS

ASSISTANT PROFESSOR MOORE

Latin literature gives us, when we have mastered the language, a view of human life in a civilization as complex as our own, though different from it. Ancient Rome was the great turnstile of history. Toward it all preceding history converged, and from it all subsequent history has radiated, and the Latin was the language of a people who had gleaned the best of all that had gone before. The genius and the energy of the people are reflected in their language. Its sentences are, as it were bundles made up of directness, terseness, and force, and the endeavor in the Latin course is to study in this light the literature and history of this moral and mighty people, who were able to make the citizenship and language of Rome the coveted privilege of the world, and who furnished fundamental lessons for modern thought.

51 *Cicero and Sallust*

Freshman year. First half, De Senectute; Prose Composition. Second half, Catiline; Prose Composition. 4 hours

52 *Horace*

Freshman year. Odes. Study of Prosody and Mythology and Prose Composition. Continuation of Course 51. 4 hours

53 *Horace and Cicero*

Sophomore year. First half, Epistles. Second half, De Officiis; Roman Life and Customs. 3 hours

54 *Satires*

Sophomore year. Second half, Selections from Juvenal and Persius Roman Life and Customs. Continuation of Course 53. 3 hours

55 *Plautus* *Terence* *Seneca*

} Roman Drama (Selections)

2 hours

56 *Lucretius*
Petronius

2 hours

MATHEMATICS AND CIVIL ENGINEERING

WILLIAM HOOVER, *Professor of Mathematics*
LEWIS J. ADDICOTT, *Professor of Civil Engineering*
HOMER S. HOPKINS, *Assistant*

COLLEGIATE MATHEMATICS

First Semester

College Algebra, 4 hours. Freshman.

Analytical Geometry, 3 hours. Sophomore.

Analytical Mechanics, 4 hours. Junior.

General Astronomy, 3 hours (elective); prerequisites, all preceding courses. Junior.

Second Semester

Plane and Spherical Trigonometry, 4 hours. Freshman.

Analytical Mechanics (continued).

Differential and Integral Calculus, 3 hours. Sophomore.

In teaching the pure Mathematics, especial attention is directed to the value of the study as a means of training the logical faculties. Constant stress is laid upon the steps of reasoning which underlie the various processes; and it is insisted that the principal business of the college student of Mathematics is to apprehend these clearly.

71 *College Algebra*

The continuation of Fisher and Schwatt's *Higher Algebra* used in the third year preparatory course and starting with a quick review of quadratic equations and succeeding subjects. In addition the chapters on the binomial theorem, logarithms, and combinations variables and limits, and parts of chapter XXXIII an infinite series which contributes to the determination of the conditions of convergency of the expansion of a binomial with any rational exponent and recurring series, method of differences, interpolation, Chapters XXXIX and XL, on determinants and the theory of equations, all illustrated by the

solutions of many original exercises. Repeated in the second semester. 4 hours

72 *Plane Trigonometry*

Wentworth-Smith's *Plane Trigonometry*. Hussey's mathematical tables will be used. Special emphasis will be put upon the analytical theory, and all parts of the work illustrated by large practice in the application of principle. In calculation the method of the professional computer will be used.

4 hours

73 *Spherical Trigonometry*

Chauvenet's excellent and standard text is used. About all the text for which the student is prepared, at this stage of his mathematical study, is taken. Special pains is taken in computation.

2 hours

74 *Differential and Integral Calculus*

The first nineteen chapters of Osborne's revised text will be used in Differential. Integral will be a continuation of Osborne's text. Extensive drill in integration is given the student that he may acquire skill in this refined and useful instrument of investigation.

3 hours

75 *Analytical Geometry*

Fine and Thompson's *Co-ordinate Geometry* will be taken in the first semester, special effort being put on the original exercises. This branch is of great importance to engineering students. It is, besides, of most disciplinary importance to any undergraduate.

3 hours

77 *Analytical Mechanics*

Smith and Longley's text, applying every previous mathematical course of the student, is taken in the first semester of the Junior year, and affords the best chance of show of ability in mathematics he has so far had. About three-fourths of this text is taken, most of which relates to Statics and Dynamics.

2 hours

78 *Analytical Mechanics*

Continuation of Course 77.

82 *College Astronomy*

Young's *General Astronomy* is used, most emphasis being placed upon the parts of a more mathematical character. As largely as possible the student is made acquainted with the methods of the professional astronomer. Begun in the first semester, Junior year. 3 hours

Electives

The following are among the electives in recent texts by the best American and British writers: Advanced Theory of Equations, including Advanced Determinants; Analytic Geometry of Three Dimensions; Differential Equations, Advanced Statics and Dynamics; Elliptic Functions, Spherical Harmonics; Least Squares; Mathematical Optics; and other Mathematical Physics, with Theoretical Astronomy.

CIVIL ENGINEERING

LIMIT OF COURSE—The course covers a period of two years. In that time such subjects are considered as will prove most beneficial in active work. Drafting-room and field practice make up a large part of the course.

EQUIPMENT—The Department makes use of eight rooms in the building known as East Wing. The drafting-rooms have sixty large tables, for drawing and mapping, and cabinets for drawing-boards, paper, instruments, etc. The instrument-room contains a Gurley 8-inch mining transit, two Ulmer 11-inch transits, a Berger 11-inch transit, a Dietzgen 11-inch transit, two Keuffel & Esser 11-inch transits, a Keuffel & Esser solar Transit, a Keuffel & Esser precision level, a 17-inch Berger Dumpy level, two Gurley 20-inch Y-levels, an Ulmer 18-inch Y-level, an Ulmer 14-inch Dumpy level, a Keuffel & Esser 20-inch Y-level, two Keuffel & Esser 12-inch levels, a Gurley Plane-Table, a Mariner's Sextant, a Gurley compass, and numerous other instruments essential to field work, such as tapes, stadia rods, leveling rods, ranging poles, hand-levels, etc. The cement-testing laboratory is equipped with the most modern and improved apparatus. It contains a 20,000 lb. Olsen Testing Machine, a Fairbanks improved Testing Machine, the Vicat, Gilmore's needles, molds, sieves, etc. New instruments and

apparatus will be added as necessity requires, and every effort made to keep the department up-to-date in every particular.

REFERENCE WORK—The leading periodicals and magazines relating to Civil Engineering are in the department library, and many others are in the Carnegie Library, all of which are accessible to the students at all times. Among the magazines which are available for student use are the following: Engineering News, Engineering Record, Railway Age Gazette, Mines and Minerals, Cement, Reports of Engineering Societies, Journal of the Association of Engineering Societies, Western Society of Engineers, Engineering and Mining Journal, and many others that are not strictly Engineering magazines.

Ohio University does not offer regular engineering courses, but has scheduled a number of elective subjects in civil engineering, that can be taken in connection with the regular scientific course.

SCIENTIFIC COURSE WITH CIVIL ENGINEERING ELECTIVES

The following Scientific Course with Civil Engineering electives will lead to the Bachelor of Science Degree, in four years:

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, 4; German, 4; Chemistry, 4.

SECOND SEMESTER—English Composition, 3; Mathematics, 4; German, 4; Chemistry, 4.

Second Year

FIRST SEMESTER—Analytics and Calculus, 3; Scientific German, 2; Physics, 4; Descriptive Geometry, 3; Mechanical Drawing, 2.

SECOND SEMESTER—Calculus, 3; Scientific German, 2; Physics, 4; Descriptive Geometry, 2; Surveying and Leveling 3; Mechanical Drawing, 2.

Third Year

FIRST SEMESTER—English Literature, 3; Applied Calculus 3; Advanced Chemistry, 3; Railroad Engineering, 4; History, 3.

SECOND SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Sanitation, 3; Elements of Mechanics, 3; Topographic Surveying, 3.

Fourth Year

FIRST SEMESTER—Civil Engineering, 4; Reënforced Concrete, 3; Geology, 3; Economics, 3; Thesis, 3.

SECOND SEMESTER—Civil Engineering, 4; Details of Construction, 3; Commercial Law, 3; Thesis, 3.

The completion of the above course entitles the student to the degree of Bachelor of Science, and a certificate stating that he has completed the short course in Civil Engineering.

SHORT COURSE

For those, who for any reason are unable to undertake the above course, the following short course in Civil Engineering is provided, the completion of which entitles the student to a certificate certifying to the character of the work completed.

First Year

FIRST SEMESTER—English Composition 3; Mathematics, 4; Descriptive Geometry, 3; Mechanical Drawing, 2; Electricity, 4.

SECOND SEMESTER—English Composition, 3; Mathematics, 4; Descriptive Geometry, 2; Elements of Mechanics, 3; Surveying and Leveling, 3; Electricity, 2.

Second Year

FIRST SEMESTER—Railroad Engineering, 4; Civil Engineering, 4; Reënforced Concrete, 3; Mathematics, 3.

SECOND SEMESTER—Civil Engineering, 4; Topographic Surveying, 3; Details of Construction, 3; Mathematics, 3; Commercial Law, 3.

In the first year those who desire may substitute a year's work in chemistry, or a modern language for the work in Electricity.

COURSES OFFERED

91	<i>Descriptive Geometry</i>	3 hours
92	<i>Descriptive Geometry</i> Continuation of course 91.	2 hours

95	<i>Mechanical Drawing</i> Must be taken with 91 and 92.	2 hours
96	<i>Mechanical Drawing</i> Continuation of course 95.	2 hours
110	<i>Elements of Mechanics</i> Prerequisite, Trigonometry.	3 hours
116	<i>Surveying and Leveling</i> Prerequisite, Trigonometry.	3 hours
119	<i>Railroad Engineering</i> Prerequisite, course 116.	4 hours
121	<i>Civil Engineering</i> Prerequisite, course 110	4 hours
122	<i>Civil Engineering</i> Continuation of course 121.	4 hours
125	<i>Reënforced Concrete</i> Prerequisite, course 110.	3 hours
126	<i>Details of Construction</i> Prerequisite, course 110.	3 hours
130	<i>Topographic Surveying</i> Prerequisite, course 116.	3 hours

EXPLANATORY STATEMENT

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such a nature as will prepare him for active work.

A large number of young men have taken this Short Course, and have found very satisfactory positions after completing the work.

The work in Mechanical Drawing continues throughout the Freshman year, and embraces twenty-four plates. Much attention is given to lettering. Cross's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman

year. During the first semester the work consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces and to their intersection. About fifteen original problems are required. Shades, Shadows, and Perspective are taken up during the second semester. Church's *Descriptive Geometry*, is the text used. Merriman's *Elements of Mechanics* is taken up during the second semester. The work in the text-book is supplemented with additional problems.

Leveling and Surveying, of the second semester, consists of three hours per week of recitations and one afternoon per week of field work, embracing the following: Chain, Compass and Transit Surveying; the use of the Plane Table and Leveling.

The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Lyman's *Surveying* is the text used.

The work in Railroad Engineering is taken up during the first semester of the second year. This consists of three hours per week of recitations and one afternoon a week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searle's *Field Engineering*.

The subject dealing with Details of Construction, as given in the second semester, consists of two recitations per week and one afternoon of drawing. Each student designs and completes the working drawing, with blue prints, of a wood and steel truss. Howe's *Design of Simple Trusses in Wood and Steel* is the text used.

Fiebeger's *Short Course in Civil Engineering* is the text-book used in discussing the various subjects offered under the general head of Civil Engineering. The course is given throughout the entire year and embraces the following subjects: Loads on Beams, Trusses of all kinds, Graphics, Dams, Retaining Walls, Hydraulics, Water Supply, Sewer Construction, and Pavements.

During the second semester the work in Topographic Surveying is taken up and embraces the following: The accu-

rate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn; conventional signs are used to represent the different structures and objects that appear upon the map.

Taylor and Thompson are the authors of the text used in the course offered in Reinforced Concrete. This course is intended to familiarize the student with the various forms of construction, where cement or concrete is used.

The work in Mathematics, Science and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of Mathematics, Language, English, etc., in the regular classes of the University.

Students of the University can take up and complete, within two years, such engineering and scholastic studies as will give them admission, with full credit, to the Junior class of the Case School of Applied Science at Cleveland, Ohio.

Students are urged to take the scientific course and elect their work from the subject offered in civil engineering.

This will enable them to complete a regular scientific course and at the same time complete all the work offered in the short course in Civil Engineering.

PHYSICS AND ELECTRICAL ENGINEERING

PROFESSOR ATKINSON

G. E. McLAUGHLIN, *Instructor*

R. G. WEBBER, *Instructor*

C. O. WILLIAMSON, *Instructor*

The department occupies two floors in Science Hall and the basement of Ewing Hall. The drafting required of the engineering students is done in the department of Civil Engineering, and the power plant practice and testing at the new college power and heating plant. Reasonable facilities are enjoyed as to rooms for the differentiation of the various phases of the work in the department, as to reference books and periodicals, and as to apparatus and conveniences for the performance of the work undertaken.

In Physics are offered courses meeting the requirements of the catalogue and the options there specified. Besides, advanced courses are offered for those who have met the requirements and desire to specialize in the subject, either in the preparation for teaching it, or for pursuing it further in a university.

In Electrical Engineering is offered an elective course which may be taken by those students pursuing the A. B. course in science who desire to specialize in Electrical Engineering in the preparation for practical work, or for the further pursuit of the subject in a technical school. Also a diploma course of two years is scheduled for those who have a diploma from a first-grade high school, or its equivalent, and who desire to go into practical engineering.

141 *Elementary Physics*

Class work and laboratory experiments given throughout the fourth year of all the preparatory courses. Required of those also who do not present Physics for entrance.

Class, 3 hours; laboratory, 2 hours

142 *Elementary Physics*

Continuation of course 141.

143 *Descriptive Physics*

A recitation and lecture course given in the freshman year for students not taking mathematics, or those who desire a more complete knowledge than acquired in the high school. It lays emphasis on the practical applications of the principles studied, using only a minimum of elementary mathematics. Prerequisite, courses 141 and 142, and entrance mathematics. 4 hours

144 *Descriptive Physics*

Continuation of Course 143.

145 *General Physics*

This is a sophomore course designed for those electing science and who require a course in college Physics. The work will include the discussion of the general principles of the subject, the derivation, as far as possible, of the fundamental equations, and the interpretation of their physical meaning and their application in the solution of problems. Prerequisites, courses

141 and 142, and a course each in elementary trigonometry and chemistry. 3 hours; laboratory, 1 hour

146 *General Physics*

Continuation of course 145.

147 *Advanced Physical Measurements*

The first semesters work will include measurements in mechanics, heat and sound; the second in electricity and magnetism and light; notes are required containing the full development of the theory of each experiment. Prerequisites, courses 145 and 146, and an elementary knowledge of analytical geometry and calculus. Students electing this course should have a reading knowledge of German and French. 3 hours

148 *Advanced Physical Measurements*

Continuation of course 147.

150 *Molecular Physics*

A study of kinetic theory, capillarity, surface tension and solution. This course alternates with 154. Not given in 1914-15. 3 hours

153 *Electric Waves*

A discussion of the theory of electric waves, their generation, transmission and detection; also their application in wireless telegraphy. This course alternates with 155. Prerequisites, same as 150. 3 hours

154 *Elements of Thermodynamics*

Prerequisites, Courses 145 and 146, a knowledge of calculus and a general course in Chemistry; if possible, also a course in Physical Chemistry. Alternates with 150. 3 hours

155 *Light*

Alternates with 153. Not given in 1914-1915. This is a course in Physical Optics for those specializing in Physics. Prerequisites, same as 10. 3 hours

158 *Pedagogy of Physics*

Given upon request of a sufficient number to justify its being offered. Discussion of the choice of subject-matter and the

methods of presentation best suited to students in Elementary Physics, and arranged for teachers and prospective teachers of Physics in the high school. 3 hours

160 *Electrical Laboratory*

A series of tests on direct current generators and motors of different types. 3 hours

161 *Electrical Laboratory*

A series of tests on alternating current generators, motors, transformers and rotary converters. 3 hours

SCIENTIFIC COURSE WITH ENGINEERING

ELECTIVES

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, 4; German, 4; Chemistry, 4.

SECOND SEMESTER—English Composition, 3; Mathematics, 4; German, 4; Chemistry, 4.

Second Year

FIRST SEMESTER—Analytics and Calculus, 3; Scientific German, 2; Descriptive Geometry, 3; Physics, 4; Mechanical Drawing, 2; Shop, 1.

SECOND SEMESTER—Calculus, 3; Scientific German, 2; Descriptive Geometry, 3; Physics, 4; Mechanical Drawing, 2; Shop (4 hours a week) 1.

Third Year

FIRST SEMESTER—English Literature, 3; Electrical Engineering, 3; Applied Calculus, Advanced Chemistry or Advanced Physics, 3; Economics or History, 3; Mechanical Drawing, 1; Shop, 1; Station (4 hours a week) 1.

SECOND SEMESTER—Electrical Engineering, 3; Applied Calculus, Advanced Chemistry or advanced Physics, 3; Steam Engineering, 2; Electric and Magnetic Calculations, 2; Surveying, 3; Mechanical Drawing, 1; Shop, 1; Station, 1.

Fourth Year

FIRST SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Gas Engines, 2; Electrical Measurements, 3; Thesis, 3; Station, 1.

SECOND SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Advanced Physics, 3; Thesis, 3; Station, 1; Commercial Law, 3.

SHORT COURSE

For those who are unable to undertake the above course, the following short course is provided leading to a certificate testifying to the completion of the work:

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, 4; Direct Currents, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Shop (4 hours a week) 1; Station (4 hours a week) 1.

SECOND SEMESTER—English Composition, 3; Direct Currents, 3; Elements of Mechanics, 3; Descriptive Geometry, 2; Steam Engines, 2; Mechanical Drawing, 2; Shop (4 hours) 1; Station (4 hrs.) 1.

Second Year

FIRST SEMESTER—Alternating Currents, 3; Dynamo Laboratory, 3; Gas Engines, 2; Electrical Measurements, 2; Mathematics, 3; Mechanical Drawing, 1; Shop (4 hrs.) 1; Station (4 hrs.) 1.

SECOND SEMESTER—Alternating Currents, 2; Dynamo Laboratory, 2; Commercial Law, 3; Mathematics, 3; Surveying 3; Mechanical Drawing, 1; Shop (4 hrs.) 1; Station (4 hrs.) 1.

BIOLOGY AND GEOLOGY

PROFESSOR MERCER

J. A. PLACE, *Instructor*

J. T. PICKERING, *Assistant*

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations; and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

The University is thoroughly equipped for work in General Biology, a required subject in all the collegiate courses. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO₂ freezer, Minot Microtone, etc. The student is given practical training in Microscopy, and is taught the process of staining and preparation of permanent mountings.

At an early stage of the work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the test, lectures may be given from time to time upon Dynamical, Structural, and Palæontological Geology, and these subjects are further studied in the field. A large cabinet of minerals is open at all times to the student of Geology.

The stereopticon is in constant use in the Departments to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

CURRENT JOURNALS—American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Nature-Study Journal, Popular Science Monthly, Journal of Geology, Economic Geology, Journal of Morphology, Science Progress, and the reports of all the leading scientific societies.

COURSES OFFERED IN THE DEPARTMENT OF BIOLOGY AND GEOLOGY

Course	FIRST SEMESTER	Course	SECOND SEMESTER
171	General Biology..... (4)	172	General Biology..... (4)
172	Chordate Zoology..... (3)	174	Chordate Zoology..... (3)
177	Physiology..... (3)	178	Physiology..... (3)
179	Physiology... (3)	180	Physiology..... (3)
183	Bacteriology..... (3)	184	Bacteriology..... (4)
185	Histology..... (4)	186	Histology..... (4)
		188	Embryology..... (3)
191	Seminar..... (1)	192	Seminar..... (1)
195	Geology..... (2)	196	Geology..... (2)
197	Sanitation..... (2)	198	Entomology..... (2)
	Physiology and Hygiene		
	Preparatory..... (4)		

For all special courses in Botany see department of Civic Biology and Botany.

Courses 171 and 172 are required for all students electing Biology in the College of Liberal Arts.

171 *General Biology*

This course will be a study of type forms, both animals and plants. The comparison of the cell in all lower forms will be made both in laboratory and in class room. Comparative physiology will not be lost sight of at any point throughout the entire course. This course is open to Freshmen and is a prerequisite for all advanced courses in the department. History of the development of the biological sciences will be made a part of this course. 4 hours

172 *General Biology*

Continuation of Course 171.

4 hours

173 *Chordate Zoology*

This course includes all of the Phylum Chordata. The type form studied are the Amphioxus, the Dog-fish, the Perch, the Frog, the Turtle, the English Sparrow, and the Cat or the Rabbit. A careful dissection is made of all these forms, but more time is spent on the frog than on any of the other forms except the cat. The muscular, the nervous, the digestive, the

circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in chordata. Physiology plays a very important role in this course for all the forms. Open to Freshmen.

3 hours

174 *Chordate Zoology*

Continuation of Course 173.

3 hours

177 *Physiology*

This course will consist of at least two lectures or recitations one hour each, and one laboratory section of two hours each week throughout the year. The laboratory work for the first semester is the study of the structures of the body by the use of prepared slides and the microscope. Drawings are made to represent what the student sees as he goes from structure to structure. The laboratory work for the second semester is the demonstration of the function of the different parts of the body. For example the student tests the action of the reagents found in the gastric juice prepared from the stomach of different classes of animals, and tests its action upon different foods, the changes thereby being brought before the eye. Experimental physiology and hygiene is made a large part of this course. Prerequisite, one course in physics, and one in general biology or college botany.

3 hours

178 *Physiology*

Continuation of Course 177.

179 *Physiology*

In this course the frog is used to a large extent in performing the experiments in the first semester. A complete set of Harvard apparatus is supplied for use in this course. The activities of the muscles and all the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles is shown in many ways, including the central nervous system and the sympathetic system. Chemical physiology will occupy the second semester. Courses 173 and 174; or courses 177 and 178; or courses 185 and 186; as well as the requirements leading up to them must be taken before entering upon this course. Prerequisite, one year of Physics and Chemistry.

3 hours

180 *Physiology*

Continuation of Course 179.

183 *Bacteriology*

The laboratory work in this course is mainly technic. The student prepares all the common media, inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same. He also gets a fair idea of the methods of identification of common forms, making slides from the cultures.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

The work is so arranged that a person desiring to get a theoretical knowledge of the subject can enter the lecture and get half credit in hours. Course 183 is given in the first semester for the students in Domestic Science. 3 hours

Course 184 is given for the medical and the general college students. Open to Freshmen. 4 hours

184 *Bacteriology*

Continuation of Course 183.

185 *Histology*

This course includes a careful study of technic; taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods.

The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of Physiology. A careful study of the nervous system is made during the last half of the year in this course. 4 hours

186 *Histology*

Continuation of Course 185.

188 *Embryology*

In this course the students follow carefully the development of the chick, makes slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparison with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 *mm.* to 30 *mm.* are studied throughout the entire course. 3 hours

191 *Seminar*

This course is a study of the current literature bearing on the subjects of investigation in biological science. 1 hour

192 *Seminar*

Continuation of Course 191.

195 *Geology*

Course 195 is an advanced course in Physiography. Some study of minerals is made. Field trips are a prominent feature.

Course 196 is one of Historical Geology; a study of evolution as outlined by the fossils.

It is strongly advised that this course be taken after a year's work in Physics, Chemistry, and General Biology. Course 195 is prerequisite for Course 196. 2 hours

196 *Geology*

Continuation of Course 195.

197 *Sanitation*

This course will be an advanced course in Hygiene and presupposes a thorough knowledge of Physiology. Nothing less than a first-class high-school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation both municipal and personal, will be discussed. The legal side, as

well as the scientific side, of school inspection, etc., will be discussed. Summer Term and first semester. Open to Freshmen. 2 hours

198 *Entomology*

This course is offered for the Summer Term. It will be an advanced course in Nature Study, consisting of a large amount of field work and the making of a collection of insects. The lectures will consist of a discussion of some of the larger economic questions of the relation of insects and plants. The laboratory work will consist of the study of some typical forms of insects. 2 hours

DEPARTMENT OF MEDICAL SCIENCES

It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advanced standing in medical schools, whereby a year's time might be gained. With this object in view, the Department of Biology now offers such work as is in conjunction with Physics and Chemistry recognized by the best of these schools the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The Biological work, is from the very outset, suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. Arrangements have been made

whereby students of the University are allowed, under certain conditions to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in the all important subject of Bacteriology.

The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy Histology, Physiology, Structural and Systematic Botany, Vegetable Histology, Embryology, and Bacteriology.

CHEMISTRY

PROFESSOR BENTLEY

ASSOCIATE PROFESSOR MORTON

ASSISTANT W. J. HARPER

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the principles of this science and gives him practice in some of the methods used in Chemical laboratory. To a smaller number of students the Department offers superior advantages for more advanced work both theoretical and practical. The Department also possesses a growing collection of reference books which will meet the requirements of students who make Chemistry their special field for work.

Professor Bentley, Courses 203, 204, 212, 215, 216, 217, 218, 229, 230, 231, 232, 235, and 236.

Associate Professor Morton, Courses 201, 202, 205, 206, 209, 210, 219, 220, 221, 222, 223, 224, 226, 227, 228, 233 and 234.

201 *Domestic Science Chemistry*

This course consists of lectures or recitations twice a week and laboratory work once a week. 3 hours

202 *Domestic Science Chemistry*

Continuation of Course 201.

203 *General Descriptive Chemistry*

The course consists of three lectures and one laboratory period per week; also a quiz alternate weeks. 4 hours

204 *General Descriptive Chemistry*

Continuation of Course 203.

205 *Qualitative Analysis*

This course will require about 6 hours laboratory work per week. Prerequisite, Courses 203 and 204. 2 hours

206 *Qualitative Analysis*

Continuation of Course 205.

209 *Quantitative Analysis*

A laboratory course.

Prerequisite, Courses 205 and 206. 3 hours

210 *Quantitative Analysis*

Continuation of Course 209.

212 *Chemical Calculations*

Designed especially for students in Courses 209 and 210.

Prerequisite, Course 205. 2 hours

215 (*Organic Chemistry*)

These courses alternate with Courses 219 and 220 and will be omitted in 1915-16. 3 hours)

216 (*Organic Chemistry*)

Continuation of Course 215)

217 *Organic Preparations*

This course may be elected only by those who are taking or have taken Courses 215 and 216. 2 hours

218 *Organic Preparations*

Continuation of Course 217.

219 *Physical Chemistry*

Prerequisite, Courses 203 and 204. 3 hours

220 *Physical Chemistry*

Continuation of Course 219.

221 *Practical Physical Chemistry*

This course may be elected only by those who are taking or have taken Courses 219 and 220. 2 hours

- 222 *Practical Physical Chemistry*
Continuation of Course 221.
- 223 *Advanced Quantitative Analysis*
Prerequisite, Courses 209 and 210. 3 hours
- 224 *Advanced Quantitative Analysis*
Continuation of Course 223.
- 226 *Elementary Agricultural Chemistry*
Prerequisite, Courses 203 and 204. 2 hours
- 227 *Practical Agricultural Chemistry*
A laboratory course. Prerequisite, Course 209. 3 hours
- 228 *Practical Agricultural Chemistry*
Continuation of Course 227.
- 229 *Industrial Chemistry*
Prerequisite, Courses 209 and 210. 3 hours
- 230 *Industrial Chemistry*
Continuation of Course 229.
- 231 (*Metallurgy*
These courses alternate with Courses 229 and 230, and will be omitted in 1915-16. 3 hours)
- 232 *Metallurgy*
Continuation of Course 231.
- 233 *Inorganic Preparations*
Prerequisite, Courses 209 and 210. 3 hours
- 234 *Inorganic Preparations*
Continuation of Course 233.
- 235 *Research*
Prerequisite, Courses 209 and 210; also 215, 218 or 219 to 222. 3-6 hours
- 236 *Research*
Continuation of Course 235.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

PROFESSOR ELSON

251 *European History*

Sophomore, two sections. This Course is a study of the rise of Absolutism on the ruins of Feudalism, and the later developments of Constitutional Government in Europe. The text used is Scheville's *Political History of Modern Europe*. 3 hours

252 *European History*

Continuation of Course 251.

253 *Advanced American History*

The first semester is given of the 70 years of national history to the Civil War. The second semester covers the Civil War and the period following to the present time. Elson's *History* is used as a text. 3 hours

254 Continuation of Course 253.

256 *The British Empire*

A study of the expansion of the Kingdom of England into a great empire, it covers all the great constitutional questions from the time of the Tudors to the present time. No exclusive text required. 3 hours

257 *Ancient Civilization*

This is a study of the governments, religion, and customs of the ancients. 2 hours

258 (*Mediæval and Modern Civilization*)

This follows the preceding. It is a study of the Middle Ages, the Renaissance, the Reformation and the progress of Europe up to the French Revolution.) 2 hours

260 *Contemporary Civilization*

This Course treats of the development of Europe since the French Revolution and present conditions. This Course alternates with Course 258. In all three of the last named courses the texts are by Seignobos, English translation. 2 hours

262 *Advanced Civics*

This is a study of the American government and of World Politics. The present governments of all the great powers are brought into review and compared with our own. 2 hours

264 *Methods of Taxation*

Library work for the most part. No particular text required. 1 hour

266 *Advanced Economics*

Freshman Economics is a prerequisite to this Course. This Course presents the great present day problems in the industrial financial and economic world. 2 hours

267 *International Law*

For advanced classes only. International relations of the great nations with one another are studied, with a notice to the treaties past and present. 1 hour

268 *Social Welfare and the Liquor Problem*

Elective. A course covering the foundation facts of the influence on society of the liquor traffic. The text used is Warner's *Social Welfare and the Liquor Problem*. 1 hour

269 *Economics*

Freshman, two sections. The subject is presented in its elementary form. 3 hours

PHILOSOPHY AND SOCIOLOGY

PROFESSOR TREUDLEY

Only Courses 291 and 292 are open to Freshmen

281 *History of Philosophy* 3 hours

282 *History of Philosophy* 3 hours

Open to Students of Advanced Standing

283 *Logic* 3 hours

284 *Problems in Philosophy* 3 hours

285 *Ethics* 3 hours

286 *Philosophy of Religion* 2 hours

287 *Sociology* 2 hours

288 *Practical Sociology*

Covering various phases of social life and a continuation of Course 287. 2 hours

289 *Studies in Ancient and Medieval Classics*

Designed to assist in the cultural development of young people by introducing them to such work as Job, the Greek Drama, and the Divine Comedy. 2 hours

290 *Studies in Ancient and Medieval Classics*

Continuation of Course 289.

291 *The New Testament*

Open to all students. 1 hour

292 *The New Testament*

Continuation of Course 291.

293 *Readings, Sociology*

1 hour

294 *Readings, Ethics*

The work will partake of the nature of reports and discussions. 1 hour

GERMAN LANGUAGE AND LITERATURE

PROFESSOR DOERNENBURG

MR. CARTER

Courses 301 and 302, and 303 and 304 are by Professor Doernenburg and Mr. Carter. Professor Doernenburg, Courses 305 and 306, 309 and 310, 315 and 316, 317 and 318. Mr. Carter, Courses 307 and 308, 313 and 314.

301 *Elementary German*

Ham and Leonard, *German Grammar*. Conversation based on Newson's *First German Book* in connection with Hoelsel's charts on the seasons. In the second semester, reading of short modern stories such as Storm's *Immensee* and Heyse's *L'Arrabiata*, Wesselhoeff's *German Composition*. 4 hours

302 *Elementary German*

Continuation of Course 301.

303 *Second Year German*

Reading: Short stories by Max Mueller, Wildenbruch and Raabe; Schiller's *Wilhelm Tell* and *Die Jungfrau von Orleans*.

In the second semester, Goethe's *Herman and Dorothea* and other works typical of German life and ideals. Conversation and composition exercises throughout the year. 4 hours

304 *Second Year German*

Continuation of Course 303.

305 (*Modern German Dramatists*)

Selected dramas of Kleist, Grillparzer, Hebel, and other authors, like Ludwig, Anzengruber, Sudermann, and Hauptmann. Representative dramas of these authors will be studied in class, and others will be assigned for private reading. Lectures and recitations throughout the year. 3 hours)

306 (*Modern German Dramatists*)

Continuation of Course 305.)

307 *Modern German Novelists*

Selected novels of Scheffel, Freitag, Raabe, Keller, C. F. Mayer, and Sudermann. Representative works of these authors will be studied in class and others will be assigned for private reading. Lectures and recitations throughout the year. 3 hours

308 *Modern German Novelists*

Continuation of Course 307.

309 *History of German Literature*

German lectures, with outside reading of representative works. Attention is given to the relation of literature and other fields of culture. Text: Robertson's *History of German Literature*. 3 hours

310 *History of German Literature*

Continuation of Course 309.

311 (*Schiller*)

Lectures and reports. Reading. *Wallenstein's Tod* and *Maria Stuart*. 3 hours)

312 (*Goethe*)

Lectures and reports. Reading. *Faust*, *Tasso*, or *Iphigenie auf Tauris*. 3 hours)

313 *Scientific Reading*

For students desiring to require facility in reading of scientific literature. Required in courses of engineering. Text: Wellentin's *Grundzuge der Naturlehre*. 2 hours

314 *Scientific Monographs*

Required as in 13.

315 *Review German*

For students that have had little or no practice in speaking German. This Course precedes the regular Freshman work, although it will be counted for college credit. Great stress will be laid on conversation; the grammar will also be thoroughly reviewed. Reading of several modern stories with composition and conversation based on the text read. 4 hours

316 *Review German*

Continuation of Course 315.

317 *The Teaching of German in Grammar and Secondary Schools*

Prospective teachers will be given opportunity to teach and observe classes in German. There will also be a lecture given once a week on Germany, its language and culture. 3 hours

318 *The Teaching of German*

Continuation of Course 317.

ROMANCE LANGUAGES

PROFESSOR NOSS

French331 *Beginning Course*

This Course includes (1) the essentials of the grammar, (2) a careful drill in pronunciation, (3) the reading of 100 pages.

Texts: Fraser and Squair's *Shorter French Course* and Talbot's *Le Francais et sa Patrie*. 4 hours

332 *Elementary Course*

Grammar, conversation, dictation, reading, memorizing of poems.

Texts: Fraser and Squair's *Shorter French Course* and Daudet's *Neuf Contes Choisis*. 4 hours

333 *Elementary Course*

A survey of French geography and history, prose composition, reading.

Texts: Sicard's *Easy French History*, Koren's *Exercises in French Composition*, and Daudet's *Tartarin de Tarascon*.

4 hours

334 *Intermediate Course*

A survey of French literature, a study of the city of Paris' grammar and reading.

Texts: Fraser and Squair's *Shorter French Course*, Loti's *Pêcheur d'Islande*, and Hugo's *La Chute*. 3 hours

335 *Intermediate Course*

Molière and his works.

3 hours

336 *Advanced Course*

The tragedy in the XVII Century. A study of Corneille and Racine, reading, discussion, and composition. 3 hours

337 *Intermediate Course*

Contemporary Novelists. Anatole France, Pierre Loti.

3 hours

338 *Advanced Course*

Contemporary Dramatists. Rostand, Maeterlinck. 3 hours

339 *Intermediate Course*

French literature in the XIX Century. Hugo, Chateaubriand, Mme. de Staël, George Sand, Michelet, Sainte-Beuve.

340 *Advanced Course*

Continuation of Course 339. Musset, Lamartine, Vigny, Gautier, Dumas, Scribe, Balzac. 3 hours

Spanish

351 *Beginning Course*

Study of grammar, drill in pronunciation, reading of newspapers and of short stories.

Texts: Giese's *First Spanish Book and Reader*, Alarcon's *Novelas Cortas*. 3 hours

352 *Elementary Course*

Continuation of grammar, practice in translating English into Spanish, reading.

Texts: Giese's *First Spanish Book and Reader*, Harrison's *Commercial Spanish Reader*. 3 hours

353 *Elementary Course*

Prose composition and reading of texts. 2 hours

354 *Intermediate Course*

Readings selected from the representative authors of Spanish literature.

SCHOOL OF COMMERCE

Faculty*

ALSTON ELLIS, Ph. D., LL. D.

President

CHARLES M. COPELAND, B. Ped.

Director and Professor of Accounting and Commercial Law

MINNIE FOSTER DEAN

Instructor in Stenography

GEORGE C. PARKS, Ph. B.

Assistant Professor of Accounting

GRACE MARIE JUNOD, Ph. B.

Instructor in Typewriting

Ohio University began, in 1893, to offer courses in commercial studies. The increasing demand for this kind of work justified the establishment and equipment of a separate department in 1899, with a course of study consisting largely of commercial branches and some required work in English and History. This arrangement gave the regular students of the University an opportunity to elect this work as part of their college course, and it is gratifying to note that many have improved the opportunity. These and the special students who had a good preparatory training were gladly benefited and

*The required work in English, History, Economics, Education, Psychology, Science, and Modern Language is taken in the regular University classes.

those who desired it have had no trouble in employment. But the greater part of the special students with meager preparation were poorly equipped for a successful business career, even after they had made a good record in their commercial studies.

As a result of this observation the entrance requirements and the courses of study, for students desiring to take commercial work, were gradually extended until 1909, when conditions justified the organization of a School of Commerce with two courses of study, each including two years or 60 semester hours of collegiate work as outlined elsewhere in this catalogue.

Students in the School of Commerce have the same privileges in the University library, reading room, literary societies, and gymnasium as regular students, and may enter any of the preparatory or collegiate classes without extra charge. Commodious rooms in Ewing Hall have been well equipped for this work. The commission, wholesale and retail officers and the bank, in the office department, are well arranged for instruction purposes. Here students receive the training that comes from filling the principal as well as the subordinate positions in such offices. In the bank they pass from the work of collection clerk to that of bookkeeper, teller, and cashier; in the railroad office, they are agent and clerk; in the commission office, receiving clerk, shipping clerk, bookkeeper, and manager; in the wholesale office, shipping clerk, bookkeeper, and manager.

ADMISSION—The requirements for entrance to either course in the School of Commerce are the same as the requirements for entrance to the Freshmen class of the University, namely, fifteen units of secondary credit. Students who have not the necessary amount of entrance credit may make it up in the State Preparatory School.

DIPLOMAS AND COLLEGE CREDIT—Diplomas will be granted to those who complete either course in the School of Commerce. Students in the degree courses of the University may take part of their elective work in the School of Commerce, and in this way they may, in four years, obtain both a degree and a diploma in the course in commerce.

DEGREE COURSE FOR GRADUATES—Graduates in either of the two-year courses in the School of Commerce must have at

least 60 semester hours of college credit. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the College of Liberal Arts, graduates of the Commercial Course will be granted the degree of A. B., provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the State Normal College, graduates of the Teachers' Course in Stenography will be granted the degree of Bachelor of Science in Education, provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree and that in the entire course not less than 30 semester hours in professional subjects have been taken.

SPECIAL STUDENTS IN ACCOUNTING AND STENOGRAPHY—Competent persons wishing to take only Bookkeeping and Stenography will be admitted as special students. Certificates showing the nature of the work done and signed by the President of the University and Director of the School will be issued to students who complete a year's work in Accounting or in Stenography and Typewriting. Good Penmanship will be required of those who receive the certificate for Accounting.

FEES—All students pay a registration fee of \$9.50 per semester. Besides this, there is an extra fee of \$6.00 per semester for Stenography and Typewriting. The fee for Typewriting alone is \$3.00 per semester. A fee for the diploma is \$5.00 and for a certificate \$1.50.

POSITIONS—The University does not guarantee positions to graduates in any course. However, only a small number of those who make a good record in work and conduct have trouble in finding desirable employment. The management of the School of Commerce has always taken much interest in recommending students to places which they can fill, and no school in the country can show a larger percentage of its graduates at profitable employment. On account of the limited scholarship required in the average commercial school, its product is not in favor with progressive business men. A general culture, as well as a knowledge of commercial branches, is demanded of

those who seek important positions. Such a course as the one outlined in this catalogue will meet the approval of those who are looking for competent help, and the young man or woman of good character who completes it will be in demand.

COMMERCIAL TEACHERS—High schools of all grades are organizing commercial courses. This creates a demand for competent teachers of commercial branches. The competition for these places is not strong, for many of those who are acquainted with the subjects to be taught are not eligible to high school positions on account of limited education or a lack of experience in teaching. Teachers who have had successful experience would do well to consider the commercial courses of this institution with a view to high school work. While pursuing this course they would have an excellent opportunity to study Psychology, Principles of Education, Methods of Teaching, and other pedagogical subjects in the classes of the State Normal College of the University.

DESCRIPTION OF WORK

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

361 *Accounting*

This course is for beginners in accounting and is planned to give the student an understanding of the fundamental principles of the science. By numerous drills and problems students are made acquainted with a variety of account books used in retailing and wholesaling and with the business papers connected with the transactions proposed for entry. Professors Copeland and Parks,

4 hours

362 *Accounting*

Repetition of Course 361.

363 *Accounting*

This course, with a slight modification, is the first half of Accounting, and is offered for the accommodation of those students in other departments who wish to get some knowledge

of accounts but who do not have time to take the four-hour course.
Professor Parks. 2 hours

364 *Accounting*

Repetition of Course 363. 2 hours

366 *Accounting II*

This course is open to those who have had Accounting I. It deals with the modern systems used in the more complex forms of business, such as banking, commission and manufacturing. An important feature of this course is the work in the railroad, commission, and wholesale offices and in the bank by which the student is brought into actual business relations with the students of this and other schools through a great variety of transactions. Professors Copeland and Parks. 4 hours

367 *Accounting III*

Open to students who have had Accounting I and II. The course is both theoretical and practical and deals with such questions as reserves, the sinking fund, deficiency, cost accounting, final statements, auditing, partnership settlements, and reorganizations. Professor Copeland. 2 hours

368 *Commercial Law*

This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers. Professor Copeland. 3 hours

369 *Negotiable Contracts*

Open to those who have had Commercial Law. The Uniform Negotiable Instruments Law is used as a text in this course. Professor Copeland. 2 hours

371 *Corporation Accounting and Law*

Open to those who have had Accounting 361. This Course deals with the law and accounting connected with the organization, financing, management, dissolution, and re-organization of corporations. Professor Copeland. 3 hours

372 *Corporation Finance*

Open to those who have had Corporation Accounting and Law. A study is made of the movement toward combination of enterprises and large aggregations of capital. Cause, method, and effect are considered with a view to giving the student a proper attitude toward this important question. Professor Copeland. 2 hours

374 *Accounting Problems and Systems*

Open to those who have had a year of Accounting. In this Course systems for various businesses will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems. Considerable attention will be given to Cost Accounting. Professor Copeland. 2 hours

375 *Commercial Seminar*

Open to students who have had Accounting I and II and Commercial Law. The *Banker's Magazine*, *Journal of Accountancy*, and articles on commercial subjects in other magazines will form the basis of this work. Professor Copeland. 1 hour

376 *Commercial Seminar*

Continuation of Course 375.

378 *Money and Banking*

In this Course a study is made of the origin, use, and history of money as a medium of exchange with special reference to the financial history of the United States.

It includes a study of the history, utility and functions of banks, particularly of those governed by the National Banking Act. Professor Parks. 2 hours

379 *Industrial and Commercial Geography*

The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as the result of

certain physical and political influences, of the products of man's industries and commerce, and of the conditions of interdependence existing among different parts of the civilized world. Professor Parks. 2 hours

381 *Industrial History of the United States*

A study is made of the growth and development of the industries and commerce of the country and particularly as found to be influenced by our tariff bills, banking systems and the different wars in which the nation has engaged. The subjects of conservation is given special attention. Professor Parks. 2 hours

383 *The Principles of Industrial Management*

Professor Parks. 2 hours

385 *Stenography I and II*

Designed for students who wish to fit themselves for amanuensis work. Those who take these courses are prepared to take from dictation commercial correspondence and different forms of legal papers, including contracts, conveyances, wills, and court pleadings. The notes are transcribed on the typewriter and a high standard of neatness and accuracy is maintained. As soon as they are able to do so students are required to take dictation for an hour a day from the phonograph. These courses are repeated each semester. 4 hours

387 *Stenography Required in Teachers' Course*

This Course is intended to prepare students to teach Stenography, and is open to all who have completed Stenography I and II. After a careful review of the fundamental principles of outline formation as used in "Amanuensis" shorthand a thorough study is made of the underlying science of phonetics and of the theory of abbreviation as applied to "Reporting" shorthand. The "Reporter's Companion" will be used as a text. A thorough knowledge of the principles of outline construction, together with a steady advance in note-taking speed, is the aim of this course. Observation and teaching are required in Stenography IV.

In view of the great demand made by the High Schools of the country for trained teachers of Commercial Branches, the

attention of those taking the Four-Year Normal College Course is especially directed to the Teachers' Course in Stenography. An opportunity is here given to specialize along this line in the Junior and Senior years, the credit (total not to exceed fifteen semester hours) applying toward the degree of Bachelor of Science in Education. Miss Dean.

389 *Stenography*

Advanced Amanuensis Course. Open to those who have completed Stenography I and II. The purpose of this Course is to increase the student's accuracy and speed in the taking and transcribing of his notes, and to this end constant and varied dictation, by voice and phonograph, is given, accompanied by careful criticism of shorthand notes and transcripts. Material for this course is drawn from Eldridge's "Dictation Exercises," newspaper editorials, magazine articles, business letters, legal papers, etc.

Those looking to reporting as a profession and those wishing to qualify under Civil Service or prepare for other clerical positions, should take this Course. Miss Dean.

390 *Amanuensis Work I and II*

Practice in transcribing from notes matter of difficult and complicated character. Two hours of credit. Miss Dean.

391 *Typewriting and Composition I*

The student's first efforts are directed toward acquiring a command of the keyboard by the touch method. This is followed by extensive practice in copying correct business papers, neatness and accuracy being insisted upon from the beginning. A text in the hands of the students is made the basis of a careful study of the principles of composition, and such work is done as will require the application of these principles. Three recitations per week. Repeated each semester.

Students taking this Course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work. Two hours of credit. Miss Junod.

393 *Typewriting and Composition II*

The text in composition begun in I is completed in II, and is followed by a course in letter writing in which the students

carry on, from data furnished, the correspondence of one or more business firms. In this connection thorough training is given in tabulating, manifolding, filing, mimeographing, etc. Three recitations per week. Repeated each semester.

Students taking this Course are expected to practice one (1) hour per day on the typewriter in addition to the hours of class work. 2 hours

The typewriter room is amply supplied with new standard machines and tabulators, and is equipped with mimeograph, letter-press, electric phonograph, and all modern, up-to-date office appliances pertaining to this work.

Beginning classes are formed each term. Miss Junod.

Penmanship

Students in the commercial course who do not write a good hand are required to take regular instruction. The modern business man demands of his bookkeeper or clerk, the ability to write rapidly and legibly. Movement is the foundation of penmanship.

The constant aim in all exercises given is to develop plain writing with an easy, rapid movement. Professor Parks.

COMMERCIAL COURSE

FIRST YEAR

FIRST SEMESTER

Accounting I.....	4
American History.....	3
English Composition.....	3
Modern Language.....	3
Political Economy.....	3

SECOND SEMESTER

Accounting II.....	4
American History.....	3
English Composition.....	2
Modern Language.....	3
Commercial Law.....	3

SECOND YEAR

Accounting III.....	2
Commercial and Indus. Geog....	2
Negotiable Contracts.....	2
Modern Language.....	3
Commercial Seminar.....	1
Industrial History of U. S.....	2
Corporation Accounting and Law.....	3

Money and Banking.....	2
Modern Language.....	3
English.....	3
Commercial Seminar.....	1
Accounting Problems and Systems.....	2
Corporation Finance.....	2
Advanced Economics or Con- stitution Law.....	2

Students wishing to take Stenography I and II and Typewriting and Composition I and II will be permitted to make substitution in second year, subject to the approval of the Director of the School of Commerce.

TEACHERS' COURSE IN STENOGRAPHY**FIRST YEAR****FIRST SEMESTER**

Stenography I.....	4
Typewriting and Composition...	2
English Composition.....	3
Introductory Psychology.....	3
School Management and Law....	2
Professional Elective.....	2

SECOND SEMESTER

Stenography II.....	4
Typewriting and Composition..	2
English Composition.....	3
Principles of Education.....	3
Professional Elective.....	3

SECOND YEAR

Stenography and Theory of		Stenography and Phonetics.....	4
Abbreviations.....	5	Teaching.....	3
Secondary Course of Study ...	3	High School Methods.....	2
Accounting I.....	4	History of Education.....	3
History of Education.....	3	Professional Elective	3

Teachers who take the course outlined above will be given, without further examination, a State provisional special four-year certificate to teach Stenography and Typewriting, this provisional certificate to be made a life certificate upon the completion of twenty-four months of successful teaching after receiving such certificate.

The demand for teachers so trained far exceeds the supply.

Substitutions in the Commercial Course and in the Teachers' Course in Stenography, not otherwise provided for, may be made upon the consent of the Committee on Registration.

The Course leading to the degree of Bachelor in the Science of Education in Commerce is outlined along with the courses offered in the State Normal College.

COLLEGE OF MUSIC

Faculty

ALSTON ELLIS, Ph. D., LL. D.

*President*ALEXANDER S. THOMPSON, Mus. D., Director
Voice and Advanced Theory. Musical History

SIROUHER T. ARPEE, B. A.

Advanced Piano

ALLEN R. KRESGE

Piano, Organ and Harmony

MAE S. BETHEL

Piano

NELLIE H. VAN VORHES

Preparatory Piano

MRS. CLARA D. THOMPSON

Advanced Voice

MADELINE KELSO

Voice

HELEN FALLOON

Voice

JOHN NEWMAN HIZEY

Violin

EUGENIA MAY LISTON

ELIZABETH GARBER

Public School Music

The College of Music is a well recognized Department of the University. It is essentially a school of musical learning. It stands for high ideals and strives by means of thorough training to develop to highest stage of artistic capability all those possessing musical talent.

From the experience of all who have been observant of those matters it is proved that the natural place for a college of

music is among the older colleges of an university. The close affinity existing between literature and the arts justifies the statement that only in such surroundings as these can the student of music acquire that familiarity with language, literature, history, etc., as will make him a musician worthy of his art.

All grades of instruction are given from the beginning to the most advanced ideas in interpretation.

Complete courses are offered in Pianoforte, Pipe Organ, Voice, Harmony, Counterpoint, Canon, Fugue, Analytical Harmony and Form, Composition and Musical History. Other courses are offered in Ensemble Music, Sight Reading, Chorus Singing, Choir and Band Practice.

All of the recitals by students and the recitals and lectures given by the instructors are free to all of the music students.

From time to time the great musical artists will be heard at the University. For these entertainments a charge will be made, and all musical students are expected to attend.

Entrance Requirements

The requirements for admission to the advanced classes in the College of Music are the same as those for admission to the Freshman class of the University, with these exceptions; that modern languages may be substituted for Latin, and that additional units in history, English, or in languages may be substituted for the advanced mathematical work required.

The College of Music admits the following classes of students, viz: College Music students who have met the full entrance requirements for admission to the Freshman class of the University as already noted, and take no less than six hours of University work in addition to the required work in Music, leading either to a Diploma or Degree; University students following other courses, who take music in addition; also those persons who desire to take advantage of the opportunity to receive first-class musical instruction without desiring to graduate, such students being designated as Special Music students.

Regulations

No student can be classified in the College Music grade, who is not pursuing theoretical study, excepting in the case of those who have completed the required theoretical work.

Students in the second year of Public School Music are required to attend Choral Society unless excused by the director.

All vocal students in the College of Music are required to attend Choral Society, if sufficiently advanced to do so.

All violin students classified in the College grade must play in the College orchestra, unless excused by the violin instructor.

All College Music students should consult with the director as adviser in his course each semester.

Promotion from one year to the next in course will be determined by test drawn from the material outlined in the course. In piano, the playing of scales, certain studies or pieces; in voice, scales, studies or pieces; in voice, the ability to solfa or sing at sight will always be considered, and the singing of certain vocalises and selections will be included in the tests, which will be selected by the teacher in charge of the study. The examinations will be conducted in the presence of the director or faculty of the College of Music.

Membership in either the Girl's or Men's Glee Club is attained through examination by the conductor of each club

Diploma

A diploma is granted by the Trustees of Ohio University to those who have completed the first three years of work outlined in the Advanced Course in piano, voice, violin or organ to the satisfaction of the faculty in music, two years of harmony, one year of musical history, one year in interpretation and form (psychology of music) as well as the required liberal arts studies. Those finishing the course in voice and violin must have had at least one year of piano.

Degrees

The degree of Bachelor of Music is granted by the Trustees of Ohio University to those who complete the full four years of study outlined in the Advanced Course in piano, voice, violin and organ, the four years theoretical course and the required liberal arts studies. Candidates for this degree, besides their special solo work, are expected to be able to transpose at sight

reasonably well pieces or songs of moderate difficulty, play in open vocal score fairly and arrange for orchestra.

The degree of Bachelor of Education in Music is granted to those completing the course outlined in the Normal College catalogue, which includes the advanced theoretical courses of interpretation and form and instrumentation in the College of Music. Candidates for this degree must be able to solfa at sight any of the Concone or similar vocal studies, making the proper changes of syllable to suit the key, and be able to solfa any standard solo including those of Handel; also arrange for orchestra and band.

401 *Elementary Harmony and Theory*

A course designed to meet the requirements of the students who have not been thoroughly grounded in the elements of notation, harmony, and general theory, and to relieve the teacher of piano or voice, who is required to use too large a portion of the lesson in teaching such details. Ear training is a part of this course. 2 hours

403 *Freshman Harmony*

Required of all candidates for the diploma in Public School Music, the diploma in the three year course in the College of Music and for the musical degree. 3 hours

Text-book, Goetschins. The Material used in Musical Composition. Keys, scales, and signatures; intervals, the triads, chord connection, simple part writing, and keyboard work.

Harmonizing basses, inversions, chords of the sixth, melody writing, keyboard work and ear training. Chords of the sixth continued, Chords of the seventh and their inversions. Chords of the ninth. Other discords.

404 *Freshman Harmony*

Continuation of Course 403.

405 *Sophomore Harmony*

Required of all candidates for the diploma or the degree in the College of Music, or the musical degree in the Normal College.

Harmonization of Melodies, Modulation, Altered and Mixed Chords.

Suspensions, Retardations and Organ Point.

Diminished Sevenths and Analytical Harmony. 3 hours

406 Continuation of Course 405.

407 *Counterpoint*

Required of all candidates for the Bachelor of Music degree in the junior year. Single Counterpoint in all species, including florid in two, three and four parts. Sir Frederick Bridge's and Dr. Frances D. Gladstone's Counterpoint used. Single Counterpoint continued. Double Counterpoint, Canon and Fugue. Rules of fugal composition must be well mastered in this course. Richter's *Double Counterpoint and Fugue* and Higgs on *Fugue* are used. 3 hours

408 *Counterpoint*

Continuation of Course 407.

409 *Instrumentation*

Required of all candidates for musical degrees, in senior year. A study of the main orchestral instruments and the manner of writing them. Arranging for string instruments in score. Arranging for woodwind in score. Arranging for full orchestra. Ebenezer Prout's "Instrumentation," Berlioz's "Instrumentation" and Clappe's "The Wind Band" and its Instruments, are the text-books employed. 3 hours

410 *Instrumentation*

Continuation of Course 409.

411 *Interpretation and Form*

Required of all candidates for the diploma in the College of Music, or the musical degrees. Prerequisite, at least Freshman Harmony. The lectures include the psychology of rhythm with its application to conducting and interpretation generally, the psychology of tone, color, harmony, melody, emotional expression, form and memory; the appreciation and interpretation of standard works in voice and piano; Messiah, Elijah, St. Paul, etc., and notable piano works by Beethoven, Chopin, Schumann and other authors, constituting a general review of

the standard repertoire, a discussion of form and expression in the light of psychology and principles of interpretation.

2 hours

412 *Interpretation and Form*

Continuation of Course 411.

413 *History of Music*

Required of all candidates for the diploma in Public School Music, the diploma in the College of Music and for the Musical degree. General History development and influence of music among ancient peoples. Early Christian music. Polyphonic music. Various schools of polyphonic music. The rise of dramatic and instrumental music, and the development of the various musical instruments.

The development of the Opera and Oratorio. The Romantics. Modern music and musicians.

The above course can readily be accomplished in one year with two recitations a week.

The work of this course is illustrated by Pianola or actual performance in voice or piano by members of the faculty and students in recitals arranged for the class. Text-book *Musical History*. W. S. B. Mathews.

414 *History of Music*

Continuation of Course 413.

PIANO

Preparatory Course

The Preparatory Course is sufficiently simple to include beginners. Only a general outline follows. The necessary studies are selected from Tapper's First Piano book, Kohler op. 157, 151, 190 and 50, Kohler's Klavier Schule, Damm Method, Duvernoy op. 176, the easier studies in Velocity Gurlitt op. 83, or School of Velocity for beginners Gurlitt op. 141, Bertini, Leoschhorn, Concone op. 24, and Czerny School of Velocity book I. All the major and minor scales and major and minor chords as given in Wieck must be played from memory. Selections from Sonatinen Album.

The teacher will select from these the necessary studies to advance the student to the point required for entrance to the College of Music. The playing of the major and minor scales and chords from memory and well played selections from the sonatinas of Clementi and Kuhlau or the modern composers indicate the range of finished study at this point.

College Course

These Courses run through both semesters.

415 *Freshman Piano*

Required of all candidates for a diploma or a degree.

Major and Minor Scales in Tenths and Thirds or Pischna's 60 Progressive Exercises or Philip's Complete School of Technic; Cramer's Studies or Czerny op. 740; Selections from Haydn and Mozart Sonatas, Mendelssohn's Songs without Words and Bach's Three Part Inventions. Pieces selected from Bohm, Thome, Godard, Lebierre, Sapelnikoff, MacDowell, or easy pieces by Grieg or suitable novelties American or foreign.

417 *Sophomore Piano*

Required of all candidates for a diploma or a degree.

Major and Minor Scales in Double Thirds. Pischna and Phillip's School continued; Low's Octaves Studies; Beethoven's op. 26 in A flat and op. 27 No. 1; Stephen Heller, Tarentelle, Legende de la Foret, Hunting Song op. 86, No. 3; Selections from Chopin's easier Preludes and Valses; Godard's Barcarolle or Grieg's more difficult pieces; Selections from Scharwenka Finger Exercises op. 77 or Clementi's Gradus ad Parnassum.

419 *Junior Piano*

Required of all candidates for a diploma or a degree.

Moscheles Preludes op. 73, Von Wilm Suite No. 1, Pachulski Prelude in F minor, Leschetizky, Arabesque en forme d' Etude and Tarantella; Selections from Bach's well Tempered Clavichord; Scharwenka's Octaves or Kullaks Octaves; Selections from Beethoven's Sonatas the op. 57 and others; Henselt Etudes or Chopin Etudes selected; Chopin's Ballade in A flat or G

minor and Scherzo in B flat minor; or Schumann, Sinding and others.

421 *Senior Piano*

Required of all candidates for the degree of Bachelor of Music. A programme selected from this list to be played at close of the course. Familiarity with all in the list required.

Chopin's Etudes continued also Beethoven Sonatas; Chopin's Polonaise in A flat; Wagner-Liszt Spinning Song from Flying Dutchman, Liszt, Gnomen Reigen, Le Rossignol, Rhapsodies 6, 8, 12 and 13; Brahms's Rhapsodie in B minor. Concertos by Mendelssohn, Grieg or Beethoven.

VOICE

Preparatory Course

Breathing and voice placing exercises; sustained tones and scale work according to the Italian method as taught by Sims Reeves, of London, England and Vannucini of Florence, Italy. Concone's Fifty Lessons; Concone's Forty Lessons for Bass; Marchesi's Exercises, op. I, First Part: Vaccai's Studies.

College Course

These courses run throughout the year.

423 *Freshman Voice*

Required of all candidates for a diploma or a degree.

Voice placing exercises continued; scales, sustained notes, and articulation exercises; Concone's Twenty-five Lessons; Marchesi's Studies or Lutgen; Songs by American composers, Denza, Cowen, Gastaldon, Jensen, Grieg, Mendelssohn.

425 *Sophomore Voice*

Required of all candidates for a diploma or a degree.

Voice placing exercises continued; scales, etc., Marchesi's Studies; Concone's Fifteen Lessons; selections from Schubert's and Schumann's Songs; songs of Del Acqua Bullard, Buzza-Peccia, Buck, d'Hardelot, Von Fielitz, Gounod, Haydn or others. Handelian airs from oratorios begun.

427 *Junior Voice*

Required of all candidates for a diploma or a degree.

Advanced studies and exercises; solos from the oratorios and operas; Handel's Messiah solos and recitatives, "Let the bright Seraphim" and "O had I Jubal's Lyre"; Haydn's Creation solos and recitatives; Rossini's Stabat Matter solos and quartettes; songs or airs by the modern Italian or French composers.

429 *Senior Voice*

Required of all candidates for the degree of Bachelor of Music.

Review of Handelian, Haydn, and Mendelssohn arias and recitatives; Beethoven's Adelaide or air from Fidelio; Meyerbeer's *Ihr Baal's Priester*; Wolf, Strauss, Franz Brahms and Liszt songs; Wagnerian and other opera solos.

PIPE ORGAN

A through course in piano finger technic and at least a year of harmony are prerequisites to the course in pipe organ, of which only an outline is given here.

Stainer's *Organ*. Wilson's a *System of Technical Studies in Pedal Playing*; Bach's *Studies in Pedal Phrasing* or Dudley Buck's *Pedal Phrasing*, Work of Bach and the Modern French School, Guilmant, Widor, Dubois, La Tombelle and others, also Mendelssohn, Rheinberger, etc.

VIOLIN

INSTRUCTOR JOHN NEWMAN HIZEY

Preparatory Course

Hohmann's Violin School books I and II; Schradieck's *Finger Exercises*; Sitt op. 32 book I; Kayser op. 20 book I; Hoffman op. 25 book I; Studies by Boehmer op. 54; Pieces by Sitt Bohm, Dancla, Hauser, etc.

College Course.

431 *Freshman Violin*

62 Required of all candidates for a diploma or a degree.

Hohmann's Violin School continued; Schradieck School of Technic; Dont op. 20; Sevcik op. I, part I; Special Studies by

Mazas, op. 36, book I; Shradieck's Scales; Pieces by Sitt, Hauser, Hill, Bohn, Alard, etc.

433 *Sophomore Violin*

Required of all candidates for a diploma or a degree.

Mazas op. 36, book II; Sitt op. 69, book I; Kreutzer 40 Etudes; Two and Three Octave Scale Studies and broken chords by Sitt; Caprices by Rovelli; Pieces of similar difficulty.

435 *Junior Violin*

Required of all candidates for a diploma or degree.

Thirty-six Caprices by Fiorillo; Sitt op. 69, book 2; Rode, 24 Caprices; Dancla op. 73; 20 Brilliant and Characteristic studies; Pieces by Hubay, Wieniawski, Dvorak, Ambrosio, Kreisler, etc., Coucertos by Rode, De Beriot, David, etc.

437 *Senior Violin*

Required of all candiates for the degree of Bachelor of Music.

Eutdes by Gavinie; Sitt op. 30, 12 Great Etudes; Dont op; 35; Gradus ad Parnassum; Bach's Sonatas for violin solo. Concertos by Wieniawski, Bruch, Mendelssohn, etc.

CHORAL SOCIETY

Besides the two glee clubs a good Choral Society is maintained under the conductorship of the director of the College of Music. The following are some of the choral works that have been sung in the history of this organization; Creation, Messiah, Elijah, Samson and Delilah, Stabat Mater, Lazarus, Fair Ellen; among the artists that have appeared have been the following: Evan Williams, Mme. Schumann Heink, Edward Strong, Herbert Witherspoon, John Siefert, David Dunbar, Douglas Powell, Miss Barbara Waite, Mesdames Evelyn Scotney and Helen Mudge; the Pasmore trio and Russian orchestra have also been heard.

DRAWING AND PAINTINGMARIE LOUISE STAHL, *Instructor*

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The work in this department is carried on as much as possible after the manner of our best art schools. The student begins with still-life and perspective drawing, and as he advances, draws from the cast and the living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged, and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form, proportion, and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Students in the Engineering Department will vary the medium from charcoal to pencil and pen and ink. Talks are given to the students on architecture, sculpture, and painting. These talks are illustrated with photographs, casts and lantern slides. There is also an abundance of illustrative material in the many art periodicals and works on art which are kept in the studio for the use of students.

SCHOOL OF ORATORY

FACULTY

ALSTON ELLIS, Ph. D., LL. D.

President

WILLIAM HAWTHORNE COOPER, A. M., B. O.

Director and Professor of Public Speaking

IRMA E. VOIGT, Ph. D.

Literary Interpretation

JULIA BAKER

Vocal Culture

C. M. DOUTHITT, M. D.

Physical Education

The courses offered by the School of Oratory are designed to meet the practical as well as the cultural requirements of men and women in the actual affairs of life. The school aims to train its students to read from the printed page in such a manner as to give pleasure and profit to those who hear; to enable business men, doctors, schoolmen, and others to make an acceptable speech when called upon to do so; to prepare men and women not only to convince others of the truth or falsity of a given proposition but also to be convinced intelligently; to give prospective teachers such a working knowledge of the fundamental principles of public speaking, and such actual platform practice as will enable them not only to teach public speaking, but to teach all other subjects more effectively; to equip students for college and intercollegiate debates and oratorical contests; and, so far as training in public speaking is able to do so, to fit men for the law, the ministry, for politics, or for other forms of social service. The school aims, first, to produce sound thinkers; and second, to train these thinkers in the clear, correct, straightforward and effective written and oral expression of their own thoughts.

The student is at all times given credit for brains, and his individuality is held sacred. He is trained, not by fashioning him after a certain model, nor by making him a slave to arbitrary rules, but by quickening and developing his intellectual faculties, by cultivating his imagination, by deepening and guiding his emotions and by freeing and disciplining all his powers of expression. The student is not to be an imitator of his teacher. The aim is to develop "artists, not apes; personality, not actors."

Courses Offered

(All courses are open to all students of the University.)

451 *Argumentation and Debate*

This work is designed to serve not only as a stepping-stone to successful debating, but also, and more especially, as a training in the habits of accurate thinking, fair-mindedness, and thoroughness; as well as lucid, exact, interesting expression. Frequent debates, preceded by briefs, are a part of the work of the class. The class is divided into sections of eighteen each. These sections are divided into groups of three. These groups or teams engage in a series of debates on questions relating to economics, sociology, education, and other topics of the day. These debates are criticised, before the class, as to substance, thought, arrangement, use of evidence, rebuttal tactics, literary form, and delivery. Text—*Argumentation and Debating*, Foster. 2 hours

452 *Argumentation and Debate*

Continuation of Course 451.

453 *Public Speaking*

This course is fundamental, and should be elected not only by all beginners in the study of oratory, but also by all who desire some general training in public speaking. In connection with the text-book, a number of masterpieces of modern oratory are studied, and discussed in class. The mental requirements for speaking are emphasized.

The "What to say" and the "How to say it" are studied side by side. One semester is required of juniors in A. B. and B. S. courses. Text—*Public Speaking*, Shurter. 2 hours

454 *Public Speaking*

Continuation of Course 453.

455 *Vocal Expression*

This course is designed for the development of vocal energy, quality and flexibility. All the factors in expression which bear direct relation to the tone values of the voice are studied in both mechanical drills, and thought and emotion expressions. Selections from standard authors are used as illustrative material for drills in thought and emotion expression. Text—Ott's *How to use the Voice*. 2 hours

456 *Vocal Expression*

Continuation of Course 455.

457 *Extemporaneous Oratory*

This course designed to give the amateur speaker facility in outlining a subject, clarity of thought, skill in marshalling material, and effectiveness in properly presenting on short notice, thoughts previously gathered. It aims to develop the logical acumen, the analytic as well as the synthetic qualities of the learner. It seeks to furnish training in thinking on one's feet. Each student is required to make several extemporaneous speeches before the class on topic taken from economics, sociology, law, education, and other topics of the day. These exercises are criticised as to form and substance, arrangement, literary value and thought; while the speakers are criticised as to directness, simplicity, earnestness, impressiveness, and forensic deportment. Text—*Extempore Speaking*, Shurter.

458 *Extemporaneous Oratory*

Continuation of Course 457.

459 *Interpretative Reading*

This course is designed especially for teachers in that it aims to train in that art which so many of us feel is to-day a lost art, namely, that of reading out loud. The various types of reading—essay, drama, poetry, short story—are studied and discussed both from the literary side and from the interpretative side. The voice and its uses as applied to reading are studied. Frequent exercises in short-story telling are given.

Outside reading in connection with the course aims to develop choice in reading matter.

460 *Interpretative Reading*

Continuation of Course 459.

461 *Shakespeare*

Shakespearean plays, Bible and Hymn Reading. Critical study of four of Shakespeare's plays during the year. Expressional reading of principal scenes, and assigned passages are committed and recited. At the end of the year one of the plays will be given in costume by members of the class.

The study of Bible and Hymn reading will be taken up in the course for the sake of impressiveness. The words and the text must not simply be seen, but felt. The subject-matter must come into the minds as reality—truth. The motive of the reader is to secure acceptance, and the end is belief. 2 hours

462 *Shakespeare*

Continuation of Course 461.

463 *Expression*

Advanced study of expression. The purpose of this course is to give more extensive preparation to those desiring to make a specialty of literary interpretation and expression, either for teaching or platform work.

Arrangements for this course can be made with the head of the Department. The instruction will consist of private lessons, for which three hours' credit will be given. 3 hours

464 *Dramatics*

This is a course offered to university students at large and growing out of an apparent need for training along such lines. Its purpose is not to produce finished actors, but to create an appreciation for good drama; to give a knowledge of the technique of the stage, which so many young high school teachers find they need upon entering their work; and to give stage presence to the over-conscious. One comedy and one drama of more serious nature will be studied and coached. Three hours' recitation with two hours' credit.

465 *Literary Interpretation*

This course covers the field of American Literature; selected authors are studied each week. The purpose of the course is to acquire the best possible expression—such as will reveal thought and emotion—of these different writings. Two hours. Each semester, Sophomore elective. Texts—*Literary Interpretations*, S. H. Clark, *How to Gesture*, Ott. 2 hours

English

The courses in English and Rhetoric are under the direction of Edwin W. Chubb, Litt. D., Dean of the College of Liberal Arts, and Professor of Rhetoric and English Literature.

The public speaker must not only be familiar with the best literature, he must have a mind stored with thoughts worthy of being imparted to others.

The aim will be to develop in the student the power of clear thought and accurate expression, in oral and written work; as it is believed by all that English literature is of primary importance to one who desires to become proficient in English expression.

466 and 467 *Oratorical Structure*

This course deals with the structure and qualities of a good oration. A large number of winning University orations are studied, and discussed in class. Students who intend to enter future oratorical contests should elect this course. Texts—*Rhetoric of the Oration*, Shurter, *Winning Speeches*, Northern Oratorical League.

468 and 469 *Effective Speaking*

This is an advanced course. In this course the general ends of speech, such as clearness, impressiveness, belief, action, and entertainment are studied. Here also are discussed the motives that impel men to action: such motives as the desire for self-preservation, property, power, reputation, the affections, the sentiments, and the tastes. The psychology of the crowd is given considerable attention. Speech is studied in the light of its effect upon the audience. The student is given training in the art of adapting his discourse to meet the needs and con-

ditions of various audiences. Texts—*Psychology of Public Speaking*, Scott, *Effective Speaking*, Phillips. 2 hours

470 and 471 *Oratory*

The primary aim of this course is to develop a natural, easy, direct, and pleasing manner on the platform. Special emphasis is also placed upon drills for correct, refined pronunciation, and clear, distinct articulation. There are required throughout this course considerable memorizing and presentation of selections of all types. Text—*Cumnock's Choice Readings*. 2 hours

472 *Pantomime*

In this course the body is treated as an instrument. It is freed from mannerisms, and trained to become the obedient servant of the mind; and thus self-consciousness is overcome and self-control developed. A definite technique of action is introduced with exercises for the application of the principles of gesture. The office in expression of the different agents of the body—head, torso, and limbs—is studied. The aim is to present as the climax of the course, an entire play in Pantomime, leading up to this the various problems of simple situations, characterizations, life studies, scenes from Shakspeare, and original studies are presented each semester. One hour

474 *History of Oratory*

As its name implies this course gives a survey of the development of oratory from Demosthenes to the present. Texts—*History of Oratory*, Sears, *British and American Eloquence*, Fulton and Trueblood. 2 hours

PHYSICAL CULTURE—Too much stress cannot be laid upon the importance of physical development; there is a marked degeneracy in the physical powers of the men and women of today as compared with our forefathers. The tendency of the present age is towards mental rather than physical development and, as a result, we have an average of intellectuality without the necessary physical strength to support it. One function should not be neglected at the expense of another. There should be the Trinity of Spirit, Mind, and Body.

TUITION—Any student paying the regular college registration fee of \$9.00 is entitled to class work in any course in the department. The extra fee for private lessons is as follows:

One thirty minute lesson each week throughout the semester.....	\$14 25
Two lessons	28 50

PRIVATE LESSONS—The highest success of each pupil depends largely upon the private criticism he receives. These individual lessons enable the instructor at the very beginning to remove personal difficulties and defects, and to give the student the development that he needs. This work is devoted entirely to the individual requirements of the learner.

Diplomas

Those completing the full course of two years, and passing the examinations satisfactory, will receive a diploma bearing the names of Ohio University, School of Oratory. A charge of Five Dollars is made for this diploma.

Oratorical and Debating Association

The Oratorical Association is open to all students regularly enrolled for twelve or more hours' work per week.

The object is to promote a higher standard of literary excellence in this institution, through annual contests with other colleges and universities, in debate, oratory, and such other forms of literary discourse as may be decided upon by the Executive Council.

There are two preliminary contests in debate and two preliminary contests in oratory to determine who shall represent the institution in inter-collegiate contests in debate and oration. The first preliminary contest is held in December of each year, and the second preliminary contest before the Easter vacation.

DRAMATIC CLUB—The School of Oratory desires to call attention to its flourishing Dramatic Club. This club is composed of students that have given evidence of proficiency and special interest in dramatic work. It aims to become an honor organization. In general accord with the purposes of the Drama League of America, the object of the club is to study, to encourage, and to present only the highest types of standard drama. The organization will each year present at least one high class play.

PHYSICAL EDUCATION

C. M. DOUTHITT, M. D.

Director of Physical Education

M. B. BANKS

Director of Outdoor Athletics

AIMS—

1. To develop bodily vigor and vitality, the prerequisite of mental efficiency.
2. To secure and maintain correct bodily carriage in standing, walking, and running, a balanced muscular development, and a fair degree of skill and ease of movement.
3. To provide an opportunity and incentive for every student to secure physical recreation to overcome the evils of the sedentary life of the student.
4. To promote the social, moral, and mental values of games and sports, and to secure to every student the opportunity for their practice.
5. To develop such habits of exercise in students that they shall continue their practice after leaving college.

REQUIRED WORK—Two semesters of work in physical training are required, unless the student is excused because of physical disability. This work should be taken during the first and second years of college life.

MEDICAL AND PHYSICAL EXAMINATION—All first year students are urged to take a medical and physical examination as soon as possible after entering college. The purpose is to determine the student's organic condition; to discover abnormal deviations of form, structure, and function; to warn and give special advice when necessary.

GYMNASIUM WORK—The work in the gymnasium consists of running, calisthenic drills (free-hand, wands, dumb bells, and Indian clubs,) gymnastic dancing, heavy apparatus work, and active games, such as basket-ball, and indoor base-ball.

The exercises are chosen rather for their physiological value than their looks—for the education of the neuro-muscular system than for the mere development of strength.

The gymnasium is open for individual work throughout the day except during regular gymnasium class work.

OUTDOOR ATHLETICS—Facilities are furnished for the various forms of outdoor athletics. Ample opportunity is given to all who care to indulge in foot-ball, base-ball, tennis, and track and field athletics.

THE STATE NORMAL COLLEGE OF OHIO UNIVERSITY

FACULTY—The names of the members of the faculty of the State Normal College are not separated from those of the College of Arts. The entire list of names appears under the general faculty list.

TRAINING FOR TEACHING AT OHIO UNIVERSITY

THE BEGINNING—Ever since 1886, the Ohio University has made provision for the training of teachers, at first, in a Normal Department. This owed its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. This committee placed Dr. John P. Gordy at the head of the new department, and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advanced*" and the latter was made equal to and parallel with the other college courses then existing.

At the regular sessions of the 75th General Assembly of Ohio, March 12, 1902, H. B. No. 369—Mr. Seese—became a law.

THE STATE NORMAL COLLEGE of Ohio University owes its existence to a provision of this act. Section 2, of said Act, requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Section 4 of an Act of the Legislature, dated April 16, 1906, creates a special fund for the support of "the State Normal

School or College in connection with the Ohio University." This fund is derived from a mill tax of five one-thousandths (.005) of one mill upon each dollar of the taxable property in Ohio. The annual income thus derived amounts to about \$37,500.

SCOPE OF WORK—The law of 1902 explicitly states that the school shall be established for the training of "*all* students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact, the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching.

THE FUNCTION OF THE NORMAL SCHOOL

TRAINING—In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean a special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. This preparation should include a broad scholastic training as a foundation upon which should be built the superstructure of special knowledge. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is equally essential in the equipment of a man or woman trained for the school room.

PROFESSIONAL TRAINING—Persons who expect to enter the profession of law, ministry, medicine, or dentistry, are first required to obtain a somewhat broad scholastic training upon which is built a professional knowledge looking to the particular profession they desire to enter. It is this special training that

furnishes the equipment that makes a man a physician rather than a lawyer. In three of the professions named the state not only protects those who wish to enter the profession, but also has statutory requirements for those who seek admission to it. Surely the work of teaching should require as much special training as that of any of the other callings named.

Why should the training of the common school or high school bring a person nearer the threshold of one profession than that of another? If teaching is ever to become a profession the need of this special training must be recognized.

TEACHERS REQUIRED—Approximately 29,200 teachers are necessary to supply the public schools of Ohio, 26,000 of whom are required for the elementary schools—that is, the grades below the high school in the towns and cities and the ungraded schools of the township and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year. Who are these 6,000 young, inexperienced teachers admitted to the school rooms of Ohio each year armed with the protection which a teacher's certificate affords? They are usually earnest, wide-awake young men and women (or boys and girls) who are anxious to do their best—to teach according to the best models they have had presented to them. Very few are college or normal school graduates. Not a large per cent are graduates of high schools. These new teachers are usually young people, who by their own efforts, unaided or unguided, have obtained enough technical knowledge to enable them to pass a teacher's examination, but who have formed no adequate conception of the duties and responsibilities of the teacher; young people who are entirely ignorant of the great body of fundamental knowledge underlying the science and art of teaching.

HIGH SCHOOLS—Although high schools are multiplying rapidly and growing more and more efficient year by year, yet many of these young people have never had the opportunity of high school training. Therefore, high school graduation cannot wisely be made the standard of admission to our state normal schools so long as the laws governing the certification of teachers remain as they do at present. The state can not wisely close

her doors against the young people who seek admission to the profession, nor against that large body of teachers already enrolled in the work who have educational qualifications but little higher than the graduate of the common schools. Better training must be provided for them.

The law establishing these state normal schools says that they shall "provide theoretical and practical training for *all* students desiring to prepare themselves for the work of teaching." The needs of the class referred to as graduates of the common schools or those having only equivalent education are carefully met by the course of study beginning at the point of graduation from the common schools. In this connection we desire to call attention to the preparatory course leading to the regular college courses in Elementary Education and Secondary Education, found elsewhere in this catalogue. Teachers of much experience may enter the two-year course and be conditioned on preparatory work but cannot receive a diploma until they have 15 units of preparatory work to their credit.

VALUE OF TRAINING—Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. The scientific purpose of the normal school is to teach persons how to teach, but such knowledge must presuppose a knowledge of what to teach. The teacher who is to be capable of the best service should have both scholastic and professional training. It must not be forgotten that normal training is not all professional, so-called. The school that can combine these two essentials in the teacher's preparation should certainly be sought. In the Normal College of Ohio University this happy combination is found. Each of the courses offers a collegiate training in academic and cultural studies in addition to the training along distinctively professional lines. All studies in the several courses in the College of Liberal Arts are open to students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course. No one need fear that the instruction in the State Normal College will be in any sense inferior to the

best instruction given in the University, as Normal College students are often taught in the same classes by the same professors, and have access to all the privileges of the University.

RURAL SCHOOL TEACHERS—But there are now engaged in the schools of Ohio thousands of worthy teachers who could not measure up to the ideal standard of college admission. They will give the schools more years of service than many of those who spent years in preparation. If, therefore, the purpose of the normal schools in Ohio is to provide better teaching for the children in the public schools of the state and thus give back to the people something in return for their support of the normal schools, should not the normal schools open their doors to these teachers? Such teachers are encouraged to attend the State Normal College of Ohio University, where they will be carefully guided in the selections of such studies as will make them more efficient. Our duty in this matter is plain. The laws of 1914 require professional training of all teachers in rural and village schools. To enter a teachers' examination after January 1, 1915, a minimum of six weeks of professional training is required. This increases six weeks each year until 1920, when a full year of not less than 36 weeks is required. An examination is still required of those who have even one year of professional training, but graduates of the two-year course and the four-year course are granted state life certificates without examination.

The attention of prospective students is invited to the several courses of study in the State Normal College, found elsewhere in this catalogue. These courses have been prepared with much care and represent the results of a careful study of the courses in operation in all the leading normal schools in this country, together with the ripest wisdom and best judgment of those who have given many years to a study of the training of teachers. The experiences of other states have been of service in mapping out such courses of study as will best fit the local conditions, touching the needs of the great mass of the teachers, existing in Ohio.

The two-year college course in Elementary Education is designed for those who have graduated from high schools of

the first grade or who possess equivalent scholarship. Fifteen units of credit in any recognized preparatory subject admit the student to the Freshman class. The course in Elementary Education leads to a diploma from the Normal College. This diploma entitles the holder to a four-year State Certificate upon graduation, and a life certificate after 24 months of experience following graduation. These certificates are valid in all but high schools and are accepted as state life certificates in 32 other States.

The four-year course in Secondary Education is the equal in scholastic requirements of any other course in the University.

COURSES OF STUDY IN THE STATE NORMAL SCHOOL

FOR TEACHERS OF COUNTRY SCHOOLS—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal College authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. It is also true that the majority of teachers employed in the rural schools have not had educational advantages of an academic character equal to those of the town and city schools. These two facts make a double handicap for many country teachers. The State Normal College at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Colleges as are the people in the cities. These schools belong to all the people of Ohio and the special training offered to prepare teachers to return to these country schools as teachers possessing a high-grade efficiency is given with a full knowledge of the needs of such teachers and of the conditions prevailing in the country schools. The reason so many of the graduates and trained students of the State Normal College do not return to the country schools is because the towns and cities outbid the township boards of education and pay often from \$100 to \$400 a year more than the townships will pay for the same instruction. Sometimes this is due to the fact that the townships cannot pay more. In such a case it is the plain duty of the State to aid such townships, making it possible for it to secure the services of trained teachers. It has just as much right to them as the cities.

Frequently, however, the fault is with the township board or the people, who see no difference in teachers, but who will pay inexperienced, untrained teachers as much as they are willing to offer to trained and experienced teachers. A higher ideal of the work of the teacher is needed and the school laws of 1914

set a much higher standard as an incentive to communities unwilling to have poor schools.

ELEMENTARY STUDIES—But the State Normal College offers special training in all so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Besides articulating their work with that of the special department for the training of rural teachers, both as to methods to be employed in the district schools and as to the rural-school course of study, most teachers and professors in charge of the work in the State Normal College have had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. Besides it is one of the cardinal principles of the State Normal College to make constant study of rural-school conditions in Ohio. The school laws of 1914 require each teacher who is not a graduate of a Normal School, to be examined in teaching efficiency. This test is given students in the various Training Schools of the State Normal College and these certificates of teaching will be necessary for all who must take any form of a county teachers' examination. But teaching cannot be permitted until the work leading up to it has been completed, except in cases of experienced teachers.

COURSES ARE GIVEN in Orthography, Reading, Penmanship, Arithemetic, Grammar, Composition, United States History, Civil Government, Geography, Physical Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, Courses of Study, Nature Study, Elementary Agriculture, Advanced Agriculture, Manual Training, Domestic Science, Gardening, Elementary Chemistry, Physics, Botany, Latin, German, and everything that a progressive rural school teacher needs. Special emphasis is placed upon the problems of country school organization and management.

There is no teacher of the country school who could not be greatly helped and encouraged by attending even a single term

at the State Normal College at Athens. Students may enter at any time, study whatever they wish if they are qualified to enter the classes, and no entrance examinations are required. The Dean of the Normal College will confer with the students and advise them as to the studies they should pursue, but all assignments are wholly in the interests of the student. The Observation and Practice Teaching required by law are done in the Rural Training School of the State Normal College, or in the Graded Training School for elementary teachers.

FOR GRADE TEACHERS—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities, several courses are offered. For those who are graduates of first grade high schools, a two-year college course is offered, covering advanced reviews of all the common branches, each pursued in the light of the best methods of teaching the subject in the grades—by “grades” is meant the elementary school, all work below the high school, usually divided into eight grades, or years—courses in Principles of Education, both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Sociology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, Agriculture, Domestic Science, Manual Training, etc., but no foreign language is required in this course. It covers two years, and each graduate from this course is given a Diploma in Elementary Education, which becomes a State Life Certificate, without examination, after 24 months of experience. This diploma represents as much scholarship and training as graduation from any one of the half-score of highest grade state normal schools in the United States. In nearly every state such a diploma is recognized as a life diploma to teach, or at least a state certificate to teach. At the beginning of 1915, 32 states accept these diplomas as state certificates.

Those who do not hold four-year high school diplomas are required to complete the State Normal School preparatory course, by pursuing such studies there marked out as they have not completed before entering the State Normal College. The completion of this course admits the student to any Normal

College course, the same as graduation from a high school of the First Grade.

FOR HIGH SCHOOL TEACHERS—The course for high-school teachers is a full four-year college course, and graduates are granted the degree of Bachelor of Science in Education, the full equivalent in scholarship and literary culture of any Bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, German, Greek, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high-school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. Here is where most schools fail in the training of high-school teachers. The Report of the Committee of Seventeen, on the Professional Preparation of Secondary Teachers, issued in 1908, strongly emphasizes the importance of training in observation and practice on the part of all who would teach in our high-schools. It is not enough that such teachers shall know Latin and Greek and Geometry and every thing else they undertake to teach, but these same teachers need to be *trained to teach* these subjects. A knowledge of subject-matter alone will not make a teacher of its possessor. Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the class-room. For years we have emphasized the importance of the training of the elementary teacher, but have continued to accept the inexperienced, untrained college graduate as the high-school teacher. As a result there is more poor teaching done to-day in the high-schools than in grades of the same town or city. We need *trained* high-school teachers. The school laws of 1914 require professional training for high-school teachers, not less than 6 weeks by January 1, 1915, and 6 weeks additional each year until the minimum shall be one full year or 36 weeks by 1920. This means that all the work for the six weeks shall be done in the Normal College.

A student could not elect one or two studies in the Normal College and take the remaining subjects in branches not related to a professional course. Ninety actual hours of class-room work constitute the minimum for six weeks' credit.

PRACTICE TEACHING—The State Normal College has a State preparatory School for the instruction of those who have not completed a four-year high school course, and skilled teachers do the teaching here—in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, Spanish, French, German, Greek, Physics, and all other secondary school subjects. Students in the state Normal College who are pursuing either the course for high school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching. A teacher in training for high school work must show proficiency to a high degree in teaching at least one high-school subject before a diploma will be granted.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high-schools. Credit for professional training, as required by the laws of 1914, cannot be obtained from any school or college not approved by the State Superintendent of Public Instruction. The State Normal College has been doing this character of work since 1902, and was the first institution so approved.

COURSES FOR SUPERINTENDENTS—This course is the same as that for high-school teachers except that the requirement of three collegiate years in one subject is not made, and more work in Administration is required.

FOR COLLEGE GRADUATES—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Science in Education. All the work of this course is of a professional nature, and is well adapted to meet the needs of those who desire to teach in the elementary schools or high-schools or to serve as superintendents, due to

the fact that all the work of this course is elective, the subjects to be chosen from groups of subjects offered. In this way a college graduate may specialize in any line or lines of work desired.

COURSE FOR RURAL TEACHERS—Special attention is called to the course for students preparing to teach in the rural schools. The opportunities in this direction are unexcelled, and teachers and prospective teachers will find this course most satisfactorily planned to meet their needs. The course is broad enough in the academic studies to meet the needs of teachers preparing to teach the various elementary branches; and the opportunity to study methods of teaching, principles of education, school management, etc., is broad enough to equip teachers most satisfactorily for work in the rural schools. To inexperienced teachers this is a Model School or school for observation, but to experienced teachers and students sufficiently advanced, it is a Practice School. The County Training-Schools to be established in each county in Ohio under the provisions of the laws of 1914, will articulate with this Department and the State Normal College will have under its direction six one-room Model Rural Schools besides the one in operation at Athens.

COURSE FOR PRIMARY TEACHER—Very frequently a teacher desires to make a special preparation for work in the First Grade. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 120 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade, and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as Special Primary Supervisors. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teaching will be confined to the Primary Grades in the Training-School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grade of the Training-School.

THE KINDERGARTEN—Special attention is directed to the fact that the State Normal College maintains a first-class Kindergarten, under the skilled direction and teaching of specialists of much experience, who not only teach the Kindergarten, but train prospective kindergartners. This is the only State Kindergarten in Ohio, and this addition to the already wide-range course of instruction in the State Normal College comes in answer to a demand for a course of instruction that would prepare young ladies for positions as kindergarten teachers, as the kindergarten is now a part of the public school system of Ohio, and all boards may make a special levy for the support of kindergartens.

DEPARTMENT OF ELEMENTARY SCHOOL SCIENCE—It is with peculiar pleasure that the State Normal College announces as a strong department that of Elementary School Science, consisting of courses in Nature Study or Civic Biology, Botany, Elementary Chemistry and Physics for the Elementary school. A specialist of broad and practical experience has charge, a fine laboratory has been equipped, and opportunities are here offered for thorough work.

DEPARTMENT OF AGRICULTURE—Prior to June, 1911, instruction in Agriculture was given in the Department of Elementary Science. Courses had been given for three years prior to that time, and the increasing demand for such work justified the organization of a new department. The primary purpose is to equip teachers to give instruction in agriculture in the public schools. The reader is referred to the detailed description of courses elsewhere in this catalogue.

THE TRAINING-SCHOOL—The very center of a normal school is its Training-School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training-School. This Training-School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades, the Rural School, and the High-School—the full range of teaching in public schools. This Training-School consists of well-graded and closely-articulated schools covering the Rural School, the Kindergarten School and all the primary and gram-

mar grades, followed by the State Preparatory School for High-School practice. Each school or grade consists of about forty children, and is a real school in every sense. The Normal College has, under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training-School. During the first year of the student's training the Training-School is used as an observation or model School, in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room. During the second year of the course, the pupil-teacher is required to teach in the Training-School, which then becomes a Practice School.

During the first year the student or pupil-teacher takes lessons in observing the work done and in reporting on what he sees. During the second year, after the student has taken a thorough course in methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training-School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor.

A similar plan is followed by those who are training for high-school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History, and other secondary school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 90 hours, or lessons, and this teaching must be of such character as will be accepted by the College authorities. The total amount of work in observation and teaching required in secondary subjects is 180 hours. The student may teach 120 hours and observe 60 hours, but not less than one-half of the total of 180 hours shall be given to teaching. The Ohio law authorizes the State Commissioner of Common Schools to fix the amounts and ratios of observation and of Practice Teaching and that office has determined the ratios and aggregates here given.

LIFE CERTIFICATES FOR TRAINED TEACHERS

AT LEAST FORTY STATES in the Union recognize the value of professional training for their teachers. This recognition is shown in their certification laws, in which graduates of their State Normal Schools are granted professional certificates exempting their holders from further examinations. In twenty-one states the graduates of the State Normal Schools and Colleges of Education are granted permanent or life certificates upon graduation and in twenty-one states provisional certificates are granted, valid for a period ranging from two to four years, at the expiration of which time the certificates are made permanent upon the applicant's credentials showing successful teaching experience. Until 1910, Ohio was not to be found in either column, but the legislature of 1910 enacted the Hawkins Law, which recognized professional training by granting to the holders of diplomas from Normal Colleges first a state provisional certificate, valid for four years, such certificate to be made permanent when the holder had passed a limited professional examination before the State Board of School Examiners and had had not less than twenty-four months of successful experience in teaching. But by the Morris Bill enacted in February, 1914, this preliminary examination is made unnecessary, and the graduate of this institution is granted a state certificate at once, without examination.

Prior to the enactment of this law several states had recognized the diplomas of the State Normal College of Ohio University, by granting provisional or permanent state certificates to their holders. Of the 48 states in the Union, at least 32 recognize the diplomas from the State Normal College as state licenses to teach, usually as life licenses without examinations. The Dean of the State Normal College will furnish full information on this point to graduates who contemplate teaching in a state other than Ohio.

THE NORMAL SCHOOL OR COLLEGE which grants a diploma recognized under the Ohio Law of 1914, must offer a college course of not less than two full years beyond graduation from a four-year high-school course or equivalent preparatory scholarship. This means that the preparation for such a professional

course must cover not less than 15 units of high school or secondary subjects, a unit standing for a subject pursued not less than one year of not less than 32 weeks. In ordinary interpretation this means that 160 recitation hours or periods of 40 minutes each shall be given to a high school subject to equal one unit of credit. Under the ruling of the State Superintendent of Public Instruction who is given authority under the law to fix the standards of observation and practice teaching, and determine the ratio of academic work to work in professional subjects, not less than 50% of the two-year course in the Normal School or College shall be given to educational or professional subjects. The law provides that all courses for elementary teachers, and special teachers in Drawing, Music, Kindergarten, Manual Training, etc., shall cover not less than two years of work apportioned between professional and academic subjects in such ratio as the State Superintendent of Public Instruction shall require. As a part of the professional work done in such a case there shall be not less than 180 recitation hours devoted to Observation and Practice Teaching in a Training School under the direction and control of the Normal School or College, and not less than 90 hours of this work shall be given to actual teaching in such Training School.

SPECIAL CERTIFICATE—Graduates from the courses in Kindergarten, Public School Music, Public School Drawing, Manual Training, Domestic Science, or Agriculture are entitled to a four-year state provisional certificate upon graduation, valid in any school in Ohio, to teach the special subject covered by the diploma. After 24 months of teaching experience this is made a special life certificate by the State Board of School Examiners.

ALL GRADUATES of a four-year Normal School or College course pursue the same general plan and are granted High School Life Certificates. The four-year courses shall include not less than 25% of professional subjects in which shall be included actual Observation and Practice Teaching in secondary subjects in a Training School under the direction of the Normal School or College. This means that no such diploma shall be recognized unless one full collegiate year has been devoted to

professional subjects, although the work in these subjects may be distributed throughout the four years. Graduates of the four-year course are granted the degree of Bachelor of Science in Education and a four-year State High School Certificate upon graduation and this is made a High School Life Certificate by the State Board of Examiners after the holder has taught 24 months.

ALL PROGRESSIVE TEACHERS in Ohio now certainly have a strong inducement to obtain professional training. The facilities for such instruction in the State Normal College of Ohio University are such as to meet in every detail all the conditions imposed by the laws of 1914 and by the requirements of the office of the State Superintendent of Public Instruction. In fact, the standard at the State Normal College has always been as high as that above described. The course for high school teachers and superintendents offered by the State Normal College requires 35% to be done in educational subjects. The facilities for Observation and Practice Teaching required by this law are more than ample to meet the need in the training of teachers in the elementary schools, in the high-schools, in the rural schools, and for positions as supervisors in special subjects or as County Superintendents and District Superintendents.

DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR RICHESON

The general aim of this department in the Normal College is to give the student a broad and comprehensive view of the various factors in school administration, to give him a detailed and critical view of the problems of school organization, school management, school discipline, school hygiene, school architecture, the course of study, the classification and grading of pupils, and to lead him to understand school law as it relates to school administration. The courses are briefly described as follows:

Note—Odd numbers designate first semester courses. Even numbers designate second semester courses.

501 *School Administration and School Law*

This course includes a study (1) of School Organization under the heads of parties to the school organization, a study of existing systems, the function of the public school, the teacher as a factor in organization, etc.; (2) School Law, including a critical study and analysis of the Ohio School Laws and topical study of the relation of school law to the effectiveness of school systems; (3) School Hygiene including school architecture, school environment, ventilation, lighting, seating, fatigue, contagious disease, defective hearing, and defective vision; (4) School Management and School Discipline, with their various problems. The Ohio School Laws will be made the basis of the work in School Law. Chancellor's *Our Schools and Their Administration* is made the basis of this course. Much of the work, however, is in the form of a library and lecture course.

3 hours

503 *Secondary Course of Study*

This course will inquire into the principles governing the selection of subjects for the Secondary Course, the order of presentation of these subjects, the purpose of secondary school training, the relation of the secondary school to the elementary school on the one hand, and the college and the technical and professional schools on the other. The particular methods of instruction demanded by the secondary school and how these methods must differ from the methods employed in lower and in higher schools, will receive some attention, but special instruction in the methods of high school teaching must be obtained in the Department of Methods.

The texts used are DeGarmo's *Principles of Secondary Education*, *Report of the Committee of Ten*, and *Report of the Committee of Seventeen on Professional Training of High School Teachers*. Required of all students pursuing the course leading to the degree of Bachelor of Science in Education and may be elected by Juniors and Seniors in other courses. 3 hours

502 *Supervision and Criticism*

This is a required study in the course for superintendents and high-school teachers and is given during the second semester, and occasionally repeated in the Summer term. The

purpose is to cover all the leading problems of administration and supervision. For those who are preparing for the work of supervision, certainly no course in the Normal College could be more valuable.

This course is wholly a library and lecture course, and the student is referred to important papers and addresses in the N. E. A. Reports, Magazines, The Report of the Ohio School Survey Commission, Ohio School Laws, etc. 2 hours

504 *The Problem of School Administration*

Senior year elective, and open only to those who have had courses in the Science of Education, History of Education, and School Administration. 2 hours

DEPARTMENT OF PRINCIPLES OF EDUCATION

PROFESSOR GARD

It is the purpose of this department to deal with the problems of methods of learning and to set forth the essentials of the educative process. It deals especially with the methods of learning during the school period and under school conditions. A study is made of the laws and conditions of the activity and development of the mind when it is definitely directed to certain prescribed ends. The processes involved in the acquisition of school subjects are analyzed. The different methods and processes of learning are made clear by illustrations from and by applications to school work.

511 *Principles of Education*

A course designed for teachers in the elementary schools. A study of the essential phases of the learning process. Particular attention is given to the results of recent studies in educational psychology and the application of the same to the methods of teaching. Open to students who have credit for one semester of psychology or an equivalent. Colvin, *The Learning Process*. 3 hours

512 *Principles of Education*

A repetition of Course 1.

513 *Science of Education*

A course for teachers in the secondary schools. A study of the high-school age. Its dominant traits. Its instinctive tendencies and its ideals of life. Habits of study and amusements. Elimination from school and its causes. Moral nature and its training. Social conditions represented by the students. The relation of the age of entrance to success in school. Vocational guidance. Recitations and lectures. Open to juniors.

3 hours

514 *Science of Education*

A course for teachers in the secondary schools. A study of the psychology of learning. Laws of habit formation. The place of sense perception in learning. The value of motor education. The importance of imagination in learning. The laws of memory and association in learning. Interest and effort in education. The higher thought processes. The problem of fatigue and work. Recitations and lectures. Open to juniors.

3 hours

515 *Philosophy of Education*

A course for superintendents and advanced students. A study of educational theory. The aim of education. The original nature of the individual. The fundamental nature of the learning process. The improvement of mental functions. Individual differences and their causes. The problem of work and fatigue. The problem of formal discipline and educational values. Recitations and lectures. Thorndike, *Educational Psychology*.

3 hours

516 *Philosophy of Education*

A continuation of course 515. A consideration of education from the view point of society. Social principles of education. The social significance of education. The demands made upon education by the various vocations of society. The efforts to satisfy these demands will be carefully considered. The bearing that these demands have upon the course of study, methods of instruction, and the organization of the school plant. Special agencies for the care and education of children. Recitations and lectures. Betts, *Social Principles of Education*. King, *Social Aspects of Education*.

3 hours

519 *Tests and Measurements in Education*

A course for superintendents and advanced students. The pedagogy of exceptional children. The various tests for determining mental development. The various scales for determining rank, efficiency, and ability of school children in the different school subjects. (The Courtis tests in arithmetic and language. The Thorndike tests in arithmetic, writing, reading, and drawing. The Hillegas tests in composition. The Ayers scale in writing. The Buckingham scale in spelling.) A critical study of the value and application of these tests and scales. These scales will be made the basis of laboratory practice. Recitations, lectures, and laboratory practice.

2 hours

520 *Tests and Measurements in Education*

Continuation of Course 519.

(Note—This course may be elected in lieu of courses 515 and 516.)

522 *Vocational Education*

A study of the principles at the basis of the various forms of vocational education. Its place in a scheme of education for a democracy. The demands of the various vocations for trained workers. Open to sophomores. King, *Education for Social Efficiency*.

2 hours

526 *Theory and Practice of Teaching*

A course for students who have had no psychology and who have had little or no experience in teaching. Special spring term and summer school. Daily. It deals with the essential phases of the teacher's work and will make a rapid survey of educational principles and procedure. Colgrove, *The Teacher and the School*.

DEPARTMENT OF THE HISTORY OF EDUCATION

PROFESSOR LANDSITTEL

Educational procedure in its various phases is eminently worthy of clear exemplification. Its mastery implies the application of scientific principles with understanding, and calls for deftness and skill in handling pupils and materials as well.

This department strives toward the end thus defined. By the use of the Training School class-room as a laboratory of method, students are enabled to see, and make for themselves, practical application of the various theoretical solutions of teaching problems which are developed in the regular course of instruction. Appreciation of the dignity and wealth of opportunity in the teacher's work is stimulated incidentally in all courses as the grounding of a sincere and wholesome professional spirit.

531 *Grammar Grade Methods I*

Freshman required. A thorough study of the recitation constitutes the fundamental part of this course. The accepted general forms of procedure represented in current usage are studied, with attention to the corresponding lesson plans. Regular observation work in the Training School is carried on, either preceded or supplemented by class consideration of the principles involved. The teaching of reading, elementary science, geography, and morals are carefully developed, and incidental observation work in domestic science, manual training, music, and drawing is introduced. Strayer's *Brief Course in the Teaching Process* will be used as a text-book, supplemented with library assignments.

3 hours

532 *Grammar Grade Methods II*

Freshman required. This course is a continuation of the work of Grammar Grade Methods I, with special attention to the teaching of language and grammar, history, geography, and arithmetic. The work in this course will be based entirely upon assigned readings.

3 hours

533. *School Law Present and Prospective*

Senior, elective. The legal aspect of school organization and the jurisprudence of teaching will be worked out in this course through lectures and assigned readings. Equipment of the educational worker with knowledge of his professional rights and responsibilities as confirmed by the law will be the controlling aim. The statutes of Ohio will be the chief source to which students will be referred. Enactments growing out of the Ohio School Survey will receive particular attention, along with the unsatisfied needs in the way of legislation which it

reveals. Comparative studies in essential features will be made throughout the course between the Ohio system and that of other states. 3 hours

535 *History of Elementary Education*

A brief course in which attention is given to the events in the history of education that throw light on the problems of the teacher in the elementary schools. Special attention is given to the work of the reformers of the eighteenth and nineteenth centuries. Open to sophomores. 3 hours

536. *A repetition of Course 535*

537. *History of Education*

Ancient and Medieval. During the first semester a study is made of the larger movements of educational thought during the ancient and medieval periods. Educational ideas, methods, and curricula are studied in their relation to social, cultural, and industrial changes.

538 *History of Education*

Modern Period. During the second semester a study is made of the Reformation and its influence on education. Much attention is given to the social and industrial conditions of Europe which made necessary the great reform of Comenius, Pestalozzi, Herbart, Froebel, and Spencer. The fundamental recommendations of each of the reformers are carefully noted. Open to seniors. 3 hours

539. *Modern School System*

(a) *Germany and France.* A study is made of the development and organization of primary and secondary education. Attention is given to the training of teachers and to the relation of the schools to the life of the people. Special attention is given to the provisions for industrial education. (b) *England and the United States.* The treatment is the same as in the first division of the course. Open to seniors. 3 hours

540. *Modern School Systems*

Continuation of Course. 539.

DEPARTMENT OF THE ART OF TEACHING

PROFESSOR COULTRAP

In this department, earnest effort is made to present in a clear, practical, and helpful way what is fundamental in the art of teaching. Special pains are taken to point out the functions and limitations of various methods. It is increasingly clear that pattern methods have less to do with one's success in teaching than has a clear grasp of the fundamental principles of teaching and a more intelligent and conscientious application of these guiding principles in practice. One special object of the course is to give the teachers guiding ideals in teaching. The more clearly the end to be attained is seen, the greater the inspiring interest and the higher the skill. The various theoretical solutions of problems of teaching as suggested in the course of instruction find practical applications in the class-room as a laboratory of method.

PURPOSE OF OBSERVATION—The visits to the several schools or classes are intended to acquaint the student at first hand with the problems of teaching and school management. Through observation in class-work under efficient instructors, the inexperienced student, or even the student of some experience, has an opportunity to define his own educational standards and to enter intelligently into discussions of the course.

REQUIREMENTS IN OBSERVATION—All classes in secondary education in the State Normal College and in the several departments of the Athens high school are open to students in Observation and Practice, by courtesy of the instructors. The privilege thus afforded should be appreciated. If any student shows himself inconsiderate, he will not be permitted to continue his visits.

THE PURPOSE OF THE REPORTS—The reports are not intended merely to record what the student saw, nor to afford him an opportunity for criticism. In each report the student is expected to name the problems suggested by the work he observed and to discuss as well as he can the solution of these problems. He is expected to have in mind, in his visits, specific questions to which he seeks answers. Definite periods will be fixed for the student to discuss his reports with the

head of the department, the object being to correct or to confirm the student's views, supply additional information, and direct him to sources of knowledge or to records of profitable discussion. Each student is required to use note-books in the observation work and to make a summarized report at the close of each semester.

THE PURPOSE OF TEACHING—The teaching under supervision offers direct preparation for efficiency in class-room instruction. The student learns best to teach by teaching. In this preliminary experience, he has the guidance of the head of the department and of the instructors in whose classes his work is done; he thus begins his professional career with the advantage of an opportunity of forming his habits of teaching carefully and intelligently.

GENERAL REQUIREMENTS FOR TEACHING—The student is expected to teach three full hours for three hours of credit; but where there is a large number of students taking the work, it may be necessary during certain periods to substitute observation and class-room assistance for the full responsibility of teaching. In all cases the student is required to attend class three full hours per week during the semester. The obligation of the student-teacher for said periods is exactly the same as that of a regular instructor; that is to say, he must arrive on time, make his lesson plan, take such part as the instructor may direct, and remain to the close of the recitation. This work in teaching is open only to those who have credits for the requisite amount of professional work. Teaching is given in the Senior year.

FIRST SEMESTER

551 *Secondary Didactics*

Junior required. Scientific method in class teaching and in the study of educational problems is marked out as the distinctive type of training to be emphasized through this course. Specific difficulties in method will be set before the students, and guidance will be given in finding facts and in working up materials for their solution. Opportunity for gathering data first hand will be afforded through regular observation work in

secondary classes of the State Normal College. The text-book used will be De Garmo's *Principles of Secondary Education*.

3 hours

552 *High School Methods*

Junior and senior required. An understanding of the special function of the American high-school is developed through consideration of its past history, its present academic and social aspects, and its relation to the general problem of adolescence. The essentials of secondary class management will be dealt with; and opportunity for special study of the teaching of individual high school subjects will be afforded.

Brown's *American High School* will be used as a text-book for the introductory part of the course. The study of special methods will be pursued through lectures and assigned readings.

3 hours

553 *School Management and School Law*

One semester required, freshman. The work embraced under this head deals with the factors affecting the life of the school, both within and without. The state as the basal authority in organization, and property also in administration, is the point of departure in school law, from which are traced legislative enactments as to school districts and officials, revenues, certification of teachers, institutes, school buildings, libraries, etc. These topics are correlated with the problems of management by which the teacher is sure to be confronted, among which may be enumerated classification and promotion of pupils, discipline, conditions in buildings and grounds, examinations, and the teacher's administration of the curriculum. Attention is directed to the larger questions involved in public education which are now under discussion; and an alert progressive attitude toward these matters is encouraged. Dutton's *School Management* and Bagley's *Class-room Management* will be the text-books for this course.

2 hours

555 *Secondary Teaching*

Senior required. Students presenting themselves for work in practice teaching must have had a minimum of eighteen hours of work in education including the courses in Secondary Didactics and High School Methods. Exceptions will be made

to this rule only in case of graduate students and teachers of approved experience. A major and a minor subject must be chosen by each student, two hours per week being given to the former and one to the latter; all teaching will be done in regular organized classes in secondary subjects and will be under the immediate direction of the regular instructors of these classes but subject to the supervision of the head of the department.

3 hours

556 *Secondary Teaching*

Senior required. This is a continuance of course 555. Students will be expected to give one or two hours a week to the major subject selected for the first semester, devoting the remaining time to one or two minors, as they may elect. The reading required covers the best available material on the teaching of the student's specialties.

3 hours

557 *Elementary Course of Study*

Sophomore required. The great problem here is to know how to adjust the work of the school so as to give the child at all times the amount and kind of work needed at the various stages of his development, and how to determine what is of most worth in a course of study. The aim is to point out great underlying principles determining the content and order of a course of study, to indicate to the teacher the positive and fixed necessity of constant articulation in the subject matter in the course of study. The student is taken over the details of the Elementary Course of Study, and courses in Arithmetic, Geography, History, Language, and Science are written under the direction of the instructor.

The texts used as a basis in this work will be Dr. Chas. McMurry's *Course of Study for Elementary Schools*, and Williams' *Course of Study for Ohio Schools*. This course may be elected by students pursuing any course if they have already taken at least one term of Psychology and are sufficiently advanced in other studies.

1 hour

558 *Advanced Grammar and Methods*

One semester required. This course is designed to help students to a technical knowledge of language which they do not get in *Higher Lessons in English*. Particular attention is

given to the growth of the alphabet from its scanty beginnings; to the development of words from roots; to the gains of our vocabulary; to the influence of the Norman-French upon spelling and pronunciation and upon the structure of the sentence; to the dropping of inflections; and, in general, to the tracing of the parts of speech from their sources down. A very careful study is given to the philosophy of the subjunctive mode and its employment in English and to the sequence of tenses. Special emphasis is placed on the methods of presenting this subject. 2 hours

PRIMARY METHODS, OBSERVATION AND TEACHING

MISS WAITE

THE PURPOSE of this department is to train teachers. We attempt to do this through instruction, observation, and practice.

It certainly does not follow that, because a man or a woman is a good student, he or she must necessarily be a good teacher. The profession of teaching, like any other profession, must be studied. After the work in observation and theory, comes the opportunity of putting these into practice under the supervision of thoroughly trained teachers. Our Training School, consisting of about three hundred children, including all the Grammar as well as all of the Primary grades, a Principal, seven Critic Teachers, and five Special Teachers, furnishes ample opportunity for this practice. The Special Teachers teach Music, Drawing, Domestic Science, Manual Training and Nature Study.

572 *Primary Methods and Observation*

Three times each week throughout one year the class is given a lesson in Primary Methods. At the close of each lesson, the class is taken to the Training School to see an application of these methods in a model lesson given by a Critic Teacher. Before going, the students are instructed as to what they should carefully observe, as we have no aimless observation in our Training School.

Special attention is given to the teaching of every subject in the Primary Grades, with suggestions as to good devices for drill work. The same may be said of the work in the Grammar Grades, under another department.

Attention is given to the writing of lesson plans, so that, at the close of the year's work, the student is ready to begin his teaching in the Training School.

573 *Teaching*

As we learn to do by doing, the best way to learn to teach is by teaching under skilled supervision.

As each student is given a subject to teach in the Training School, he is held entirely responsible for the results of his work. No lesson, however, is ever taught, until a plan, submitted at least the day before the lesson, is either approved or corrected.

The student is allowed to specialize, to some extent, in his teaching. Although it is not thought best that he should do all of his practice teaching in one grade, he may do it all in either the Primary Grades or Grammar Grades, and one half of his teaching may be done in the special grade of his own choosing.

All of the practice teaching is under the close supervision of the Critic Teacher of the grade, or a special teacher, and the Principal of the Training School.

PAIDODOLOGY AND PSYCHOLOGY

PROFESSOR CHRISMAN

CHARLES E. SKINNER, *Instructor*

HOMER S. FLOYD, *Assistant*

THE PURPOSE of the work in Paidology, the science of the child, is to furnish a knowledge of child nature. It is intended to give to students what has been learned about children, to fix in them the habit of observation and study of children, and to help them to an understanding of child life under the various conditions in which it is found.

The purpose of the work in Psychology is to give a knowledge of mind action in its various conditions. It is proposed

to acquaint students with such facts of mind as have been gained through various sources, to help them to a better understanding of their own mental activities, and to give them power to apply this knowledge.

IN BOTH PAIDODOGY AND PSYCHOLOGY facilities are afforded for laboratory and field work whereby much of the work is carried on by observation and experimental methods, so that not only is there opportunity given for learning the subject matter, but also for applying the work so as to give further power that will greatly aid in mental growth.

The details of the work of this Department are given here with. All the courses give full college credit and, where not required, can be elected by students in any of the colleges of the University.

COURSES

581 *Psychology (Introductory)*

The aim of this course is to give an outline of the subject in order to acquaint the student with phenomena and laws of mental life and to train him in simple experimentation. The text-book used will be Pillsbury's *Essentials of Psychology* supplemented by Angell's *Psychology*, with references to other texts. Throughout the year; recitations, first semester, sections I, 8:30, II, 9:30, III, 1:00, IV, 2:00, Mondays, Wednesdays. Laboratory 3 hours per week (2500 min.) at hours as assigned. In the second semester there will be one section at 8:30, and a second section at 2:00, this last to begin on April 25, in order to accommodate students entering about that time, and the recitations will be five times a week. Other sections will be formed if needed. Open to all. 3 hours

584 *Paidology (Infancy)*

In this course will be taken up the first period of life after birth, a knowledge of which is so important for the better understanding of the periods following. There will be studied both the physiological life of the being at this time, including the diseases of infancy, the beginning of language, volition, motor ability, the rise and development of the senses, etc., and also the care and attention needed by the infant as a basis for

future growth. The references will be works on the diseases of infancy together with studies on growth and development. Recitations 9:30, Monday, Wednesday; laboratory and field work 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Open to all. 3 hours

586 *Psychology (Comparative)*

A study of the development of intelligence in animal life as going along with the development of the nervous system as presented through behavior. Recitation 7:30 Tuesday, Thursday; laboratory and field work 3 hours per week (2500 min.) at hours as assigned. Open to Sophmores and to those of higher rank and to Freshman who have completed one semester of psychology.

587 *Paidology (Childhood)*

In this course the time of childhood is taken up. The general characteristics of this period, growth, disease, the senses, mental and physical development, etc., are studied. Also observations and studies of children are carried on in the field and in the laboratory. Recitations 7:30 Monday, Wednesday; laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others assigned. Open to Sophomores and to those of higher rank. 3 hours

588 *Paidology (Adolescence)*

This includes the time of boygirlhood and youth. It is intended to give a knowledge of this so important time in the life of the young, directing attention to the remarkable growth and the changes that take place, taking up the characteristics of this period, with the mental and moral conditions that occur. Recitations 7:30 Monday, Wednesday; laboratory and field work 3 hrs. per week (2500 min.), one hour at 3:00 and the others as assigned. Open to Sophomores and to those of higher rank. 3 hours

589 *Psychology (Experimental)*

A study will be made of the subject matter of experimental psychology, together with demonstration of apparatus and methods of investigation, so as to familiarize students with this work; also the students will perform a series of experiments selected to furnish them practice in the use of apparatus, to ac-

quaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. The texts used will be Thitchener's *Text-book, of Psychology*, Sanford's *Experimental Psychology*, and Myer's *Text-book of Experimental Psychology*, with references to other works on psychology. Recitations 9:30 Tuesday, Thursday; laboratory 3 hrs. per week (2500 min.), at hours as assigned. Open to Juniors and to those of higher rank and in some cases to Sophomores. 3 hours

591 *Paidology (Uncivilized and Historical Child)*

In this course will be studied the child as found among uncivilized, semi-civilized, and historical peoples. Some of the topics considered under the first subject are the relations of child and parent, care of child, deformation of children, games and plays and songs. Under the last heading is considered the child as found among the nations of ancient times, in Medieval Europe, and earlier United States. Comparisons are made in these studies with the child as found at present among civilized peoples. Recitations 8:30 Tuesday, Thursday; laboratory and field work with children 3 hours per week (2500 min.), one hour at 3:00 and the others as assigned. Open to Juniors and of higher rank and in some cases to Sophomores.

592 *Paidology (Abnormal Child)*

Defective children, delinquent children, dependent children, wildings, and exceptional children are studied under this heading, knowledge of the first four classes leading up to a better comprehension of exceptional children, who need so much to be studied and understood. Recitation 8:30 Tuesday, Thursday; visitations to institutions on Saturdays. Open to Juniors and higher rank and to Sophomores who have completed at least one semester of paidology. 4 hours

593 *Psychology (Social and Individual)*

A study of the individual in his own activities and as modified by groups of individuals as found in the crowd, the mob, the assembly, and other gatherings social, religious, business, studying especially the influence of suggestion, imitation, and leadership. Recitations 10:30 Tuesday, Thursday; laboratory and field work 3 hours per week (2500 min.), at hours as assigned.

Three hours of collegiate work. Open to Seniors and Graduates and to Juniors who have completed at least one semester of psychology.

594 *Psychology (Abnormal)*

A study of mental disorders, as insanity and degeneracy, and of abnormal phenomena, as hallucinations, hypnoses, speech defects, etc. Clinics are held at the State Hospital for the Insane, located at this place. Recitations 10:30 Tuesday, Thursday; clinics at the Athens State Hospital for the Insane at 3:00 on Fridays; visitations to institutions on Saturdays. Open to Seniors and to Graduates and to Juniors who have completed at least one year of psychology. 4 hours

595 *Paidology (Prenatality)*

This study will include the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life, which are of such vital importance to the whole future life of the child. Recitations 10:30 Monday, Wednesday; studies on children 3 hrs. per week (2500 min.), at hours as assigned. An elective open only to Seniors and Graduates. 3 hours

596 *Paidometry*

In this course it is purposed to study the growth and physical development of children. Hasting's *Manual of Physical Measurements of Boys and Girls*, Tyler's *Growth and Education*, Recitations 10:30 Monday, Wednesday; laboratory 3 hrs. per week (2500 min.), one hour at 3:00 and the others assigned. Open to Seniors and to Graduates and to Juniors who have completed at least one year of paidology. 3 hours

DEPARTMENT OF MATHEMATICS

PROFESSOR MILLS

601 *Arithmetic*

The course in Arithmetic comprises the work of two semesters, but only the second semester is required of high school graduates unless it should appear that they are in special need

of both. Accuracy and rapidity in performing the operations in the solution of problems is the first aim in the study of this subject. These accomplishments are brought about through the use of carefully prepared exercises and drills in the four fundamentals and in fractions. Ray's *Higher Arithmetic* is the text-book used. Much material is chosen from Mills's *Arithmetic Analysis*, and other widely used texts. The subjects especially emphasized in this semester's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subject of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. Forms of solution and methods of teaching receive special attention.

602 *Arithmetic*

A repetition of Course 601.

603 *Algebra*

Wells's *Secondary Algebra* is the text for the first semester, and is completed through factoring.

604 *Algebra*

Fisher and Schwatt's *Higher Algebra* is the text for the second semester and is completed to Harmonical Progression.

605 *Plane Geometry*

Lyman's *Plane Geometry* is the text-book used. In this work students are encouraged to form the habit of original investigation. Terseness and technical accuracy of statement are constant requirements, and much emphasis is given to the application of the principles of Geometry to Arithmetic.

606 *Solid Geometry*

Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions

in planes and solid angles, polyhedrons and the sphere, with a great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

607 *Descriptive Astronomy*

One semester's work is devoted to this subject. A text-book is used, but topical method of recitation is followed, and students are encouraged to seek information from the standard work of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principle stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

NORMAL ART DEPARTMENT

MISS BRISON, *Head of Department*

MISS DE LUCE, *Instructor*

MISS ROBENS, *Assistant*

Drawing and Hand Work have obtained their present place in public-school courses because our most noted educators believe in their educational value. This work is taught primarily not to make artists and artisans but as a means of improving the public taste and the general culture. Training along these lines helps the individual to choose and create for himself, and thus greatly helps to bring about individuality of thought and expression. The manual arts should be taught for the sake of the individual student; and his needs should form the basis of the course of study.

In the following courses the work and exercises will be given with this in view, that the student may not only learn how to do the work himself, but how it should be taught to children.

In the art courses, pencil, charcoal, colored crayons, water colors, oil colors, India ink, etc., are included in the materials used. It is thought best to have the student familiarize himself

NOTE—For the course in Solid Geometry, Advanced Algebra, Trigonometry and Surveying, and electives in Mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic and Beginning Algebra are offered each semester.

with all of these mediums, as their use varies in the different public schools.

621 *School Drawing*

Freshman required. Object drawing, elementary applied design, and some mechanical drawing. 1 hour

622 *Advanced School Drawing*

Freshman required. Theory of color, prespective and methods of teaching drawing. Type problems for public schools will be worked out and provision made for observation in the Training School. 1 hour

623 *Bookbinding—Elective*

2 hours

624 *Applied Design*

Required in the course in home economics. This course presupposes the student to have had Course 1. 1 hour

625 *Handwork—Required*

A course in cardboard construction, knife work, clay modeling, weaving, raffia and reed work planned for primary and intermediate grades, but suggestive for a course for higher grades is given in each semester. 2 hours

626 *Handwork—Required*

Same as in first semester.

2 hours

627 *Costume Design*

3 hours

628 *Art Appreciation—Elective*

This course takes up art principles and applies them to pictures, interior decorations, architecture, etc. 1 hour

COURSE FOR DRAWING TEACHERS AND SUPERVISORS

Courses leading to a certificate in School Drawing are offered for those who wish to teach that subject. These students will be expected to take work in free-hand and mechanical drawing in the departments of art and civil engineering respectively, besides the courses in Drawing and Elementary Manual Training in Normal College. In most cases the drawing teacher

arranges his courses in correlation with the work of the different schools in which he is teaching, therefore he has to be an originator of courses as well as teacher. Hence, it has been found necessary to require the student to take certain educational subjects or have a somewhat liberal education in addition to his work in drawing. Unusual advantages are offered to students in that they are enabled to study with the different University instructors, giving a standing to their work not possible in a Normal School not connected with a university.

629 *Design*

Required throughout a year. This course deals with pure and applied design, and presupposes the student to have had Courses 1 and 2. 3 hours

630 *Design*

See Course 629. 3 hours

631 *Composition and Methods*

Four hours. Required throughout a year. High-school, elementary, and grammar grade problems will be discussed. Stories and poems will be illustrated. Landscape, figure and flower composition will be attempted. There will also be sketching from the model and blackboard work.

632 *Composition and Methods*

Continuation of Course 631

FREE-HAND-DRAWING—See courses in drawing and Painting in the College of Liberal Arts.

MECHANICAL DRAWING—See courses in Civil Engineering in the College of Liberal Arts.

Students taking the Normal College courses leading to a degree may take the drawing course as elective, obtaining a diploma in school drawing as well as a degree at the end of the four-year course.

DIPLOMA COURSES—Courses for supervisors and teachers in public-school drawing are outlined in detail in the statements of the various courses in the Normal College, on another page.

PUBLIC SCHOOL MUSIC

MISS LISTON, *Instructor*
MISS GARBER, *Assistant*

The aim of this department is two-fold. First—a general study of the rudiments of music, for grade teachers. This work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of music that he may be able to carry on the work intelligently under the direction of a supervisor, or if necessary, to give such instruction himself.

One year's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public-school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching.

The second aim—a comprehensive study of music for those who wish to become supervisors. All students completing this special course will receive a diploma. Sufficient time to earn this diploma is given. Admission is based upon graduation from a high school of the first grade. Students who have sufficient scholastic preparation may take work in the State Preparatory School.

For those without much previous knowledge of music two years will be required to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department toward the completion of this course. These courses, as a rule, are given throughout the year.

641 *Sight Singing*

Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression. 2 hours

643 *Ear Training*

Systematically graded exercises to quicken the musical hearing. Oral and written reproduction of melodies in all keys. Given for $\frac{1}{2}$ semester. 1 hour

645 *Chorus*

A series of practical lessons in the study of material suitable for use in High School and Upper Grammar Grades. Given for $\frac{1}{2}$ semester. 1 hour

The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

647 *Advanced Sight Singing*

A class for those who are to become Supervisors of Music. A study of the different music systems in common use is taken up in this class. 2 hours

649 *Methods*

Principles of education as applied to the teaching of music. Course of study planned for all grades from First Year through the High School. Special study of the voice. Study of song material suited to the various years of school life. Rote Songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games. 2 hours

650 *Observation and Teaching*

Nine semester hours of teaching and observation are required in this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisors. As soon as students are prepared they begin teaching in the Training Schools, and as they acquire skill in teaching music in all grades under supervision, they become experienced teachers of Public School Music upon finishing the course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR WILSON

MISS KALER

651 *Freshman Composition, Teachers' Course*

Required of all students in the four-year course. Extensive practice in oral and written composition. Methods of teaching composition are discussed. Six sections. 3 hours

652 *Freshman Composition*

Continuation of Course 651

653 *American Poetry*

This course is based upon Page's, *The Chief American Poets*. Prerequisite, Course 651. 3 hours

654 *Literature for the Primary Grades*

A study of the representative myths, fables, folk-lore, fairy tales, and of one great epic. Prerequisite, Course 651 2 hours

655 *American Prose Writers*

Prerequisite, Courses 651 and 652 2 hours

656 *Literature for the Grammar Grades*

A study of the folk-lore suitable for these grades. Much material is selected from the Arthurian cycle. Selections in prose and poetry from English and American writers. Prerequisite, Course 651. 2 hours

657 *High-School Methods in English Classics and Composition*

Method work and practice-teaching. Prerequisite, Courses 651, 652, 653, 658. Required of those students making English their major; elective to others. 2 hours

658 *English Poetry from 1798 to 1896.*

This course largely follows the material in Page's, *The British Poets of the Nineteenth Century*. Prerequisite, Course 651 3 hours

660 *The English Essay*

Its origin and development. A study of representative essayists. Prerequisite Courses 651 and 652. 2 hours

672 *The English Drama from 1508 to 1642*

A brief review of the development of the drama prior to 1508. A study of many of the minor Elizabethan dramatists and of some of the contemporaries of Shakespeare. Required of those students making English their major; elective to others. Prerequisite, Courses 651, 652, 653, 658 3 hours

CIVIC BIOLOGY AND BOTANY

The work in this department is as follows:

FIRST SEMESTER		SECOND SEMESTER	
681 First Year Botany	3	682 First Year Botany.....	3
683 Civic Biology.	3	684 Civic Biology.....	3
685 Household Biology.....	2	686 Apiculture	2
687 Ecology.....	2	688 Plant Histology	2
689 General Botany.....	3	690 General Botany.....	3
691 Plant Pathology ..	2	692 Plant Pathology.....	2

In all these studies the idea of civic and community welfare is placed foremost. The practical and human interest side of these sciences is strongly emphasized with the aim of best serving the needs of the teacher and of citizenship in general.

THE LABORATORY AND FIELD METHODS of study will be followed almost entirely. For this purpose ample apparatus and a school garden have been provided.

681 and 682. *First Year Botany*

This course will run throughout the year and is required in all courses. It will be a consideration of plants in their practical relation to every-day life, and will be especially adapted to the needs of teachers. In the Fall and Spring, work in the School garden will be required. One recitation and two laboratory periods per week. 3 hours

683 and 684 *Civic Biology*

This is a study devoted to the every-day problems presented to us by the living forces in nature. Modern Biology is rapidly extending its influence into all avenues of human activities and national life. This branch, Civic Biology, aims to reach the common schools and community life through the agency of the

teacher. While evolution is not lost sight of in this work, it is by no means placed foremost, neither is it intended to train specialists. The course centers about the child, the home, and state in their most common relations to living nature. Required in Normal College courses. Three hours.

685 *Household Biology*

Attention is given to the insects, yeasts, molds and bacteria of the home. One recitation and three hours laboratory work per week. Required in the department of Home Economics.

2 hours

687 *Ecology*

A study of plants as they are related to their environment. *Ecology*, Coulter, Barnes and Cowles, will be the text. 2 hours

689 *General Botany*

Required of Freshman. A course designed as an introduction to the general structure and relationship of plants and their physiology. Representatives of the principal groups will be studied, and extensive attention given to the principles of plant life, relationship and evolution. There will be one recitation and two laboratory periods per week. The work is largely intended as a training course in general scientific methods in biology.

3 hours

690 *General Botany*

Continuation of Course 689

691 *Plant Pathology*

Plant diseases as they affect farm crops, gardening, orchards, etc., will receive extended attention in this course. *Fungus Diseases of Plants* by Duggar will be the text used. 2 hours

692 *Plant Pathology*

Continuation of Course 691

686 *Apiculture*

This work will be made a study of the biology of the honey bee. 2 hours

688 *Plant Histology*

A laboratory course in the microscopic anatomy of plants. *Plant Histology* by Chamberlain will be used. 2 hours

AGRICULTURE

PROFESSOR W. F. COPELAND

ASSISTANT PROFESSOR O. E. DUNLAP

This Department has extensive equipment and commodious quarters in the new "Agriculture and Household Arts" building completed in 1915. An excellent department library and a new greenhouse for indoor experimentation afford excellent facilities for work. Upon the completion of a two-year course students are given a diploma in School Agriculture.

701 *Methods in General Agriculture*

Work is conducted on the laboratory and recitation plan. For demonstration use is made of the common garden, field, and orchard crops. 3 hours

702 *Methods in General Agriculture*

Repetition of Course 701.

703 *Horticulture*

The lectures, recitations, and reports will aim to give a general view of the subject. During favorable weather the laboratory work will be done in the fields. 2 hours

704 *Horticulture*

Continuation of Course 703. 3 hours

705 *Soils*

Soils will be studied both in the field and in the laboratory, chemically and physically. This is a laboratory course and will meet twice each week for two periods. 2 hours

706 *Soils*

Continuation of Course 705.

707 *Forestry*

This course requires two field trips each week. 2 hours

708 *Forestry*

Continuation of Course 707.

709 *Farm Animals*

This course is planned to give students a knowledge of the most important farm animals of the different types, and ele-

mentary lessons in feeding, balanced rations, and judging. One lecture and two field trips each week. 3 hours

710 *Farm Crops*

Studies are made of field selection, crop rotation, seed selection, and artificial fertilizers. One lecture and two field lessons a week. 3 hours

711 *Evolution and Heredity*

A consideration of the prominent theories of evolution and heredity. This course presupposes a knowledge of botany and zoology. 3 hours

712 *Rural Economics*

A study of the farm problems of wages, rent, labor, land values, and marketing crops. 3 hours

714 *Methods in Home Gardening and Floriculture*

A modern greenhouse is used for the early propagation of plants. This course is recommended for students in Home Economics and may be substituted for one semester of General Agriculture. One recitation and two laboratory periods each week. 3 hours

715 *Laboratory Methods in Agriculture*

This course aims to prepare teachers to make material for school exhibits, and apparatus for the demonstration of agricultural principles. Two laboratory periods a week. 2 hours

716 *Laboratory Methods in Agriculture*

Continuation of Course 715.

SCHEDULE OF COURSES IN AGRICULTURE

FIRST SEMESTER

	Mon.	Tue.	Wed.	Thurs.	Fri.
Meth. in Gen. Agriculture.....	{ 7:30 8:30	....	7:30 8:30	....	7:30 8:30
Horticulture.....	{	9:30 10:30	....	9:30 10:30	....
Forestry	{	7:30 8:30	....	7:30 8:30	....
Evolution & Heredity.....	2:00	....	2:00	....	2:00
Farm Animals.....	{ 3:00 4:00	....	3:00 4:00	....	3:00 4:00
Lab. Meth. in Agriculture.....	{	1:00 2:00	....	1:00 2:00	....

SECOND SEMESTER

Meth. in Gard. & Flori.....	{ 7:30 8:30	....	7:30 8:30	....	7:30 8:30
Horticulture.	{ 9:30 10:30	....	9:30 10:30	....	9:30 10:30
Forestry.....	....	7:30 8:30	....	7:30 8:30	....
Rural Economics, or Com'l Law.....	2:00	....	2:00	....	2:00
Farm Crops	{ 3:00 4:00	....	3:00 4:00	....	3:00 4:00
Lab. Meth. in Agriculture.....	{	1:00 2:00	....	1:00 2:00	....

RURAL TRAINING DEPARTMENTPROFESSOR MARDIS, *Supervisor*

The work in this department is designed to meet the needs of the rural teacher.

731 *Rural School Didactics*

A course in Rural School Didactics is given, in which are discussed the proper attitude of the teacher towards the profession, the proper training for teachers, the relation that the school and the home bear to each other, the means of securing the best results in the school-room, the correlation of subjects, the proper combination of classes, the methods and need of supervision, the consolidation of weak schools, and the best methods of instruction to be employed in the rural schools. The school laws bearing on the duties of the rural teacher are included in this course.

732 *Rural School Course of Study*

Course of study in which a number of practical courses of study will be reviewed. It will be the aim of this class to develop for itself a practical course of study, designed especially for use in the rural school.

733 *Rural School Supervision*

Perhaps no other phase of school work is receiving more public attention at the present time than that of *Rural School Supervision*. The demand for superintendents, who are trained for the work, will no doubt be far in excess of the supply, and it will be of help to those interested in the rural schools to make preparation for this line of work. School laws relating the work of Rural School Administration will receive careful study.

2 hours

734 *Rural School Supervision*

A repetition of Course 733.

Classes in Rural School Didactics and in the Rural School Course of Study will be organized about the middle of the second semester to accommodate those coming in after the close of their schools.

The department has in operation a first-class model rural school in which the work as taught in the class-room is exemplified in actual work. This model school is so located that it can be reached in a very few minutes by those taking this course.

Almost one-half of the 29,000 teachers employed in the public schools of Ohio are engaged in teaching rural schools or in small village schools where a close system of classification into grades by years is impossible. The State Normal College has made ample provision for the training of teachers for these schools and has recognized the essential differentiation in the function and needs of such schools as compared with those of cities and the large towns. The course for rural teachers makes ample provisions for Observation and Practice in the Training School established for the special purpose of training rural teachers. In this Training School, divided into three rooms, are to be found the eight grades. Each room is presided over by a skilled teacher who is a graduate of the State Normal College and who has had several years of successful experience in teaching. Over these three critic teachers is an experienced supervisor.

The Two-Year Course provided for rural teachers does not require graduation from a first grade high school as a prerequisite for admission, but the school law of 1914 requires one year of training in an approved high school or its equivalent after January first, 1915, and after January, 1920, a two years' training in an approved high school or its equivalent of all applicants for a one-year or a two-year elementary certificate. The preparatory department of the Ohio University offers excellent opportunity to take work equivalent to that of a first grade high school.

DEPARTMENT OF GEOGRAPHY

PROFESSOR THOMPSON

THE COURSE in Physiography will be research work entirely. It will be the aim of this course to develop the subject in a logical manner, taking up such parts of Physical Geography as are essential to the study of Political and Commercial Geography, after which the topical method of developing these

phases of the subject will be pursued. This work will also be devoted, in part, to the study of methods.

In Physical Geography, no efforts will be made to encourage the memorizing of the work, but no pains will be spared to develop the thought. In this course, besides the work of the regular text, there will be required research work, field trips, laboratory exercises, and drawings.

The Political Geography will be especially designed to meet the needs of those expecting to take the teachers' examinations. This work will be comprehensive, thorough and of permanent value. More attention will be given to geographical and industrial development than to locative geography, although this phase of the subject will not be neglected.

A class in Political Geography will be organized about the middle of the second semester to accommodate teachers coming in after the close of their schools.

DEPARTMENT OF HISTORY AND GOVERNMENT

PROFESSOR THOMAS N. HOOVER

ASST. PROFESSOR EVAN J. JONES

751 *American History*

A course conducted by lectures, reference work, papers, and a term thesis. The guides to the course are the *Manual* and the *Epoch* series. Open to all except preparatory students. 3 hours

752 *American History*

Continuation of Course 751

753 *Advanced American Government*

A thorough study of the actual workings of our government-National, State, and Local. The *Manual* and Hart's *Actual Government* are used as guides. 2 hours

755 *Constitutional History*

A study of the making and ratifying of the Federal Constitution. Sources are investigated and reported upon. 2 hours

756 *Constitutional Law*

The text and case method is used. All the leading cases bearing on the subject are abstracted. Willoughby's *Constitutional Law* is the guide. 2 hours

757 *Government of England*

A course dealing with the actual Government of England—National, Local, and the Empire. Lowell's *Government of England* is used as a guide. 2 hours

758 *Methods in History*

A course for prospective teachers of history. 2 hours

759 *American Statesmen*

A study of the lives of leading American statesmen.

2 hours

761 *History of Greece*

Lectures, outside readings, and recitations. This course deals principally with the growth of Athenian democratic institutions in relation to and in comparison with our own modern institutions. The text is Bury's *History of Greece*. The *Epoch* series and other standard works will be used. Professor Jones.

3 hours

762 *History of Rome*

A course dealing with the overthrow of monarchy, the struggle for political equality, the expansion of the republic, the rise and fall of the empire, and the introduction of Christianity. The arts, letters, and social condition will be studied in their respective periods. Seignobos's *History of the Roman People* is the text. Professor Jones.

3 hours

UNITED STATES HISTORY—Review course for teachers. Commences April 26. Intended to help those teaching or those preparing for a teachers' examination. Professor Jones.

KINDERGARTEN SCHOOLCONSTANCE T. MACLEOD, *Principal*ALLIE M. HINES, *Instructor*

This school offers training for professional work as kindergartners or as an aid in other lines of work.

The course offered is two years in length and leads to the diploma in Kindergarten Education. This course is given in detail on another page. As a part of the regular work, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work. Second year students attend the monthly meetings of the Kindergarten Mothers' Association and so gain an insight into the organization and conducting of such meetings.

Requirements for Admission—graduation from a first-grade high-school or equivalent scholarship and ability to play the piano.

The work in Kindergarten Education is as follows:

FIRST YEAR

1 and 2 *Kindergarten Theory and Activities* 4 hours.

1—Mother play, 1 hour; Gifts, 2 hours; Occupations, 1 hour.

2—Mother play, 2 hours; Gifts, 1 hour; Occupation, 1 hour

3 and 4 *Kindergarten Observation and Practice Teaching*

3 hours credit, 7 periods

This includes a class of one period each week for the discussion of the daily work in the kindergarten and an individual weekly conference with each student.

SECOND YEAR

5 and 6 *Kindergarten Theory and Activities*

5—5 hours. Mother Play, 2; Gifts, 2; Occupations, $\frac{1}{2}$;
Program Construction, $\frac{1}{2}$.

6—4 hours. Mother Play, 1; Stories, $\frac{1}{2}$; Education of Man,
 $\frac{1}{2}$; Program Construction. 1; Games, 1.

7 and 8 *Kindergarten Observation and Practice Teaching*

7—3 hours credit, 7 periods

8—8 hours credit, 17 periods

See explanation under Courses 3 and 4

KINDERGARTEN THEORY AND ACTIVITIES—Under the head of Kindergarten Theory and Activities are included all those subjects which pertain especially to Kindergarten education.

FROEBEL'S *Mother Play*—A study of this work with reference to other writings of Froebel. Education laws and life-truths are presented and insight gained into child life.

PROGRAM CONSTRUCTION—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

STORIES—A study of typical stories and of the principles governing their selection, with practice in story telling.

GIFTS AND OCCUPATIONS—Theory and Practice in use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand work.

RHYTHM, SONGS, AND GAMES—A study of these with the principles underlying them.

Observation in the Primary School and work in Primary Methods is limited to work done in the First and Second Grades.

In order to accommodate teachers who wish to gain an insight into Kindergarten theory and practice, a beginning class will be organized about the middle of the second semester if five or more students request it at that time.

DEPARTMENT OF HOME ECONOMICS

ELIZABETH H. BOHN, *Director*
MARGARET FARNAM, *Domestic Art*
ALICE SMITH, *Domestic Science*
MARY O'DELL, *Home Nursing*

DOMESTIC SCIENCE AND DOMESTIC ART are the various terms that are applied to the lines of work here grouped under *Home Economics*. The term is not satisfactory, but is used because it is the one often used and more generally understood to include the full range of subjects than the others. The scope of the subject matter here outlined covers the following points: Foods and their uses, cooking, general science, sewing,

textiles, drawing and house decoration, home nursing and emergencies, household management and professional subjects.

The course as outlined is designed to fit those pursuing it to teach this subject in the elementary and secondary schools. While it recognizes that a knowledge of the theory is essential to those who are preparing themselves for this work, it emphasizes also the practical side as very important. Practical work is given in cooking and sewing, sufficient to make the young woman skillful in her work and give her a good opportunity for instructing others.

This course is of a kind that it is practically necessary to begin at the opening of the first semester and continue it regularly throughout the two years. Certain subjects are elective but the entire course is compulsory for all who intend to specialize with a view to teaching the work.

REQUIREMENT—Graduation from high-school or fifteen units of preparatory work.

In courses such as Sewing and Cookery two consecutive hours are required. Fees for the various courses will be found under the title of "Fees" in the list of various fees for laboratory material.

801 *Sewing*

It includes the various stitches on a sampler, hems and hemming, ruffles and bands, darning stockinet and cloth, patching, flannel seams, buttonholes, hooks and eyes, plackets, and samplers illustrating use of embroideries and laces. As each sampler is completed, an application of the stitches or work will be made on an under garment. These under garments are made both by hand and by machine. The practical work includes designing and drafting of patterns, cutting and making of a four-piece set of under garments. Also the care and manipulation of machines, discussions of suitable materials and trimmings, amounts necessary and comparative cost of each garment are considered. 2 hours

802 *Sewing*

Continuation of Course 801.

803 *Sewing*

Requirement—Sewing 801 and 802.

The purpose is to teach the principles of dressmaking. Taking accurate measurements, drafting own patterns either by the Snow system or the Straight Line system, designing of ordinary garments, economical cutting and fitting. Also aims to develop originality, neatness, accuracy and good judgment of proper materials. The practical work consists of a tailored shirtwaist, tailored washable skirt, wool dress or a tailored wool skirt and a silk waist, a gingham dress and a thin fancy dress. Both drafted and commercial patterns are used. Demonstrations are given in the last semester. 2 hours

804 *Sewing*

Continuation of Course 803.

805 *Millinery*

Designing, trimming, decoration—a study of system and harmony applied to millinery—a practical course which may lead one to specialize in this field, developing power of invention—economy and the utilization of materials by renovation—distinction and individuality is the product secured by the making of flowers and ornaments and other details.

806 *Textiles*

Two hours for the first-twelve weeks of the second semester of the freshman year. The purpose of this course is to give a practical understanding of the various textile fibers and processes of their manufacture that shall lead to judgment and taste in selections suited in wearing quality, adaptability, permanence of color, and harmony of design to the particular use for which they are intended. 1 hour

807 *Art Needle Work*

Aims to give essentials of good design as applied to art needlework—to apply this knowledge to articles of use, either clothing or house furnishing—to develop taste, skill, neatness, accuracy, and good judgment in work—to show the arrangement and development of the subject—to show its use in public school classes—to give methods of presentation.

809 *Cookery*

Two consecutive hours twice a week throughout the course. This course consists of practical work in the preparation, cooking, and serving of the following classes of foods: Vegetables, cereals, fruits, starches, batters and doughs, beverages, soups, candies and meats. Special attention is given to the proper methods of work in the kitchen, to cleanliness, neatness, and accuracy of work. 2 hours

810 *Cookery*

Continuation of Course 809.

811 *Cookery*

Continuation of cookery 809 and 810. Practical work in canning and preserving, in cakes, pastries and preparation and serving of foods for the sick and convalescent. Special stress is laid on dainty and attractive service of foods prepared. 2 hours

813 *Cookery*

Continuation of cookery 809, 810 and 811. Practical work in salads, sandwiches and chafing dish cookery, hot and cold desserts. Dishes of more complicated nature are taken up in this course. Special attention is given to planning menus and formal services. Practical work is given in serving of breakfast, dinners or luncheons. 2 hours

815 *Food Study*

This includes the study of food principles, their source, composition and food value, also a brief study of digestion, digestive juices, and their action. Each food principle is studied as to composition, physical properties, influence on digestion, digestion in the various digestive organs, absorption, circulation, excretion and storage. A complete and systematic study is made of various food stuffs as to source, composition, structure, digestibility, food value, manufacture, cost and preparation. The course consists of lecture and reference work. 3 hours

817 *Household Management*

In this course are considered the problem of house administration with reference to structure, sanitation, furnishing, methods of cleaning; business management of the household,

namely: division of income, household accounts including daily and weekly schedule, division of labor, domestic service, social, industrial and ethical relations of the home. Practical work is given in marketing, planning and serving of meals and general care of the house. Lectures on laundry work, cleansing of fabrics, removal of stains, etc., are given in this course. The laboratory work consists of practical laundry work according to methods presented in class. The equipping and care of the laundry are considered. 2 hours

818 *Home Nursing and Invalid Cookery*

The aim of this course is to teach the care of the sick in the home, to enable one to assist intelligently in the sick-room, and to handle emergencies in the house and elsewhere. It includes the location, care, furnishing and ventilation of the sick-room; the care of the patient, as to feeding, bathing and dressing, application of poultices and bandaging. Text—*Practical Nursing*, by Maxwell and Pope. 2 hours

820 *Dietetics*

This course deals with the nutritive value, digestibility, and cost of various foods. Dietaries for persons of different ages, under different conditions, and engaged in various occupations are computed. 3 hours

822 *History and Organization of Domestic Science and Art*

The origin and growth of domestic science and art, their place in the school curriculum, the correlation of domestic science and art work with other subjects taught in the public school, the planning of a course of study and its adaptation to conditions existing, equipment and cost, the presentation of the work, and methods of teaching are considered. 2 hours

824 *Demonstration and Home Cookery*

This course aims to give practice to students in public lecture and demonstrations such as are useful for general teaching and also for instruction in farmers' institutes, women's clubs, and other fields. The course also gives an opportunity for practice in home cookery. It will include the study, planning and cooking of breakfasts, luncheons, dinners and suppers,

and various methods of preparation and garnishing. It deals also with table service.

APPEAL TO TEACHERS—It is the aim of this Department to be of immediate service to teachers actually engaged in teaching. The law in Ohio requires a minimum school term of eight months. This brings the most schools to a close the last of April. The courses in Domestic Science and Art are so arranged that most of the work is given in half semesters of nine or ten weeks each. Teachers may therefore enter at the close of their school and find classes just organizing for the last quarter of 8 to 10 weeks. These classes in most cases will recite twice as often as classes organized at the beginning of the semester and will therefore be able to do a whole semester's work. Many first semester studies are also repeated at this time to accommodate students who desire to enter for the last quarter.

Needed Uniforms

The regulation dress is a plain, untrimmed, blue chambray, one-piece garment.

The skirts are plain gored; sleeves long or below the elbow, the elbows with adjustable turned-back white cuffs and white standing or low collar, which may be detachable.

Three or four uniforms will be needed. The goods should be shrunk before using.

If students are not able to secure material desired, it may be had by sending to the Department. The material costs 12½ cents per yard.

Aprons are of white material, preferable white percale—a good grade of muslin may be used—made sleeveless, princess style. See Butterick patterns No. 5162 or 4941.

DEPARTMENT OF MANUAL TRAINING

G. E. McLAUGHLIN, *Instructor*

C. O. WILLIAMSON, *Instructor*

Mr. McLaughlin, Courses 831, 832, 835, 837, 843, 844, and 845.

Mr. Williamson, Courses 833, 836, 839, and 840, and 846 and 847.

THE WORK IN MANUAL TRAINING is of such a nature that not only those who expect to teach this subject but every teacher or student would find it not only profitable but a pleasure to do some work along this line.

THE SHOPS of the Manual Training department of the State Normal College occupy two large rooms on the lower floor of Ewing Hall. The wood working room is 60 by 60 feet, well lighted and well suited for our needs. The equipment consists of 20 individual benches fitted with quick acting vises, and each with its necessary individual tools, so that it is rarely necessary for a pupil to leave his bench while class is in session. Also a large number of general tools in cases and wall racks; one 12-inch circular rip and cut-off saw; one 12-inch jointer with safety guard; one 30-inch grind stone, all driven from common counter shaft, which in turn is driven by a five horse-power motor. Ten, eleven by twenty-six inch speed lathes for wood turning driven by a five horse-power motor, shafting underneath lathes, thus eliminating dangers of belting.

One universal wood trimmer, miter saws, and sufficient wood clamps for glue work. Benches for hammered metal work and equipment. Cases for displaying finished work, and sufficient lockers for each student.

The metal working shop is a room 20 by 50 feet well lighted, and well suited for our needs. It contains the following machinery: five thirteen-inch engine lathes, one power hack saw, one twelve inch force drill, emery grinder, drilling lathe, benches fitted with vises for filing and chipping, dies for pipe cutting and fitting. All machines are driven from counter shaft on floor which in turn is driven by a seven horse-power motor.

DESCRIPTION OF COURSES—The following is a brief outline of the nature of the major portion of the courses taught in this department.

831 *Elementary Wood Work*

Laboratory (4 hours). This work consists of the more simple processes of tool work, use of knife, try-square, plane, saw and hammer, the soft woods being used. The models followed will be those generally used in the 6th and 7th grades.

2 hours

832 *Bench Work*

Laboratory, four hours per week. This work includes the hard woods and the more difficult tool processes. All work will be from models, and will consist of small pieces, such as a clock case, filing box, double frame, book rack or candle stick holder. Special attention being given to gluing, fitting, sanding and rubbing. 2 hours

833 *Joinery*

Laboratory, four hours per week. *Elementary Wood Work*, by Selden, will be used as a laboratory guide. Work will consist in making the different joints both in soft and hard wood, special attention being given to neatness and accuracy. The latter part of term will be given to the application of these joints. 2 hours

835 *Wood Finishing*

Laboratory, three hours; class, one hour.

This course deals with the different processes of finishing woods, both the theory and the practice.

836 *Wood Turning*

Laboratory, four hours per week. Exercises in turning given to familiarize the student with wood turning tools and lathe operations. Each piece a new tool manipulation, These exercises are applied in the making of finished articles in hard wood. The course includes care of lathe and tools, turning between centers, straight taper, curves, beads, face plate and chuck turning, sand papering and polishing. 2 hours

837 *Pattern Making*

Laboratory, three hours; class, one hour. This course is designed to give a preliminary study of pattern making and foundry practice. A number of smaller patterns are made and finished ready for moulding. Special attention is given to shrinkage, finishing and core work. 2 hours

839 *Cabinet Making*

Laboratory, four hours. The work consists of designing, making drawings and blue prints, different pieces of furniture,

one of which must be of difficult construction. The student is expected to get out all stock, using the shop equipment. *Elementary Cabinet Work* by Selden, will be used as a laboratory guide. 2 hours

840 *Cabinet Making*

Continuation of Course 839

843 *History and Organization of Manual Training*

A study of the educational conditions that led to the Manual Training movement and its development. Part of the work is outside reading with written reports and part is lectures and open discussion of problems that arise in the organizing of the work. 2 hours

844 *Machine Shop*

Laboratory, six hours per week. The work includes bench work, chipping and filing, lathe work, straight and taper turning, thread cutting, face plate work, chucking, inside turning, eccentric work, polishing, boring, drilling, shaper work, grinding of tools, and drills, care of lathes, belts and shafting. 2 hours

845 *Constructive Design*

The work consists in designing models suitable for grade and high-school work, special attention being given to proportion. Laying out tentative courses for school work and discussing problems that may arise in the carrying out of these courses. 2 hours

846 *Manual Training in the Training School*

Wood-work is required of the boys attending the seventh and eighth grades of the Normal College Training School. There will be two lessons a week of one hour each. 2 hours

847 *Manual Training*

Continuation of Course 846

Teachers taking the Manual Training course have the special advantage of observing the work under a special instructor. Also during their second year they will be required to do practice teaching in wood-work.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

Select one: Latin, 4; Greek 4; German, 3; French, 3....	3 or 4
College Algebra, 3; or Physics, 3; or American History.....	3
Civic Biology.....	3
Psychology.....	3
English Composition, Teachers' Course.....	3

SECOND SEMESTER

Continue one foreign language	3 or 4
Trigonometry, 3; or Physics, 3; or American History.....	3
Civic Biology, 3; or Botany,....	3
English Composition, Teachers' Course.....	3
Electives.....	4

SOPHOMORE YEAR

Agriculture, 4; or Biology, 3; or Chemistry.....	3
Ethics.....	2
Hygiene and Sanitation.....	3
American Poetry.....	3
Paidology.....	3
Electives.....	2

Agriculture, 4; or Chemistry, 3; or Botany.....	3
Sociology.....	2
English Poetry.....	3
Paidology.....	3
Electives.....	5

JUNIOR YEAR

Science of Education.....	3
Secondary Course of Study.....	2
Secondary Didactics.....	3
Commercial Subjects, 4; or Man- ual Training, 4; or Domestic Science, 4; or Agriculture, 3 or 4	
Electives.....	3

Science of Education.....	3
High School Methods.....	2
Psychology.....	3
Secondary Didactics.....	3
Commerical Subjects, 4; or Do- mestic Science, 4; or Agricul- ture, 2; or Social Methods in Education.....	2 or 4
Electives.....	2

SENIOR YEAR

School Administration or an as- signed elective*.....	3
History of Education.....	3
Teaching.....	3
American Prose Writers.....	2
Electives.....	4

Supervision and Criticism or an assigned elective*.....	2
History of Education.....	3
Teaching.....	3
Elizabethan Dramatists, 3; or Philosophy.....	2
The English Essay.....	2
Electives.....	3

*This course in School Administration and Supervision and Criticism will not be required of those who are preparing definitely for teaching positions only, in which case the year must be given to the subject the student has chosen as a major.

EXPLANATION OF DEGREE COURSE—Each candidate for the degree from the State Normal College must have a credit of 120 semester hours. By taking 15 hours each semester a student can graduate in four years. Five summer sessions will enable a student to complete 30 semester hours.

Six years of foreign languages are required for graduation and if the student presents credits for but four years on entering, the two collegiate years in a foreign language will be required.

Apparently the course above outlined is nearly all required, yet there are many opportunities for options, resulting in a great many variations in the course. In the Junior year students who expect to teach a special subject such as Agriculture, Domestic Science, Commercial Science, etc., will be required to take a year in the subject chosen, 6 to 8 semester hours. Students not choosing any of these will be assigned an option by the Dean of the College.

One Year Course for College Graduates

GRADUATES of reputable colleges granting a bachelor's degree on four years' work may elect 15 hours of work each semester in education from the following subjects, with the consent of the Dean of the College. Completion of 30 semester hours in education will entitle the holder of a college degree to receive from the State Normal College of Ohio University the degree of Bachelor of Science in Education.

FIRST SEMESTER—Select 15 hours: Psychology, 3; Paidology, 3; School Administration, 3; Science of Education, 3; History of Education, 3; School Law, 3; Secondary Course of Study, 2; Secondary Didactics, 3; Grammar Grade Methods, 3; Elementary Course of Study, 3; High-School Methods, 2; Teaching, 3; Methods of Teaching Special Subjects, 2; Thesis, 3.

SECOND SEMESTER—Select 15 hours: Science of Education, 3; History of Education, 3; High-School Methods, 3; Secondary Didactics, 3; Physiology, 3; Supervision and Criticism, 2; Teaching, 3; Paidology, 3; History of Elementary Education, 3.

TWO-YEAR COURSE FOR ELEMENTARY TEACHERS

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
English Composition, Teachers' Course	2
Agriculture with Methods	3
History and Civics	3
Grammar with Methods	2
Observation and Conference	1
Public School Music	1
Public School Drawing	1
Methods in History	1
Physical Education	½

SECOND SEMESTER

Principles of Teaching	3
Advanced Geography	3
Arithmetic and Methods	4
Observation and Conference	2
Public School Music	1
Public School Drawing	
Advanced	1
Literature in the Grades	2
Methods in Geography	1
Physical Education	½

SOPHOMORE YEAR

FOR TEACHERS OF FIRST SIX GRADES

Elementary Course of Study	1	School Management and	
History of Education	3	School Law	2
Teaching and Plan Writing	3	Educational Sociology	2
Hand Work	2	Teaching and Plan Writing ..	3
Music	1	Sewing and Cooking	3
History	3	English Poetry	3
Sanitation and Health	2	Civic Biology or Paidology	3
Physical Education, Normal	1		

SOPHOMORE YEAR

FOR TEACHERS OF SEVENTH AND EIGHTH GRADES

Elementary Course of Study	1	School Management and	
History of Education	3	School Law	2
Teaching and Plan Writing	3	Educational Sociology	2
Paidology	3	Teaching and Plan Writing	3
Elective	2	English Poetry	3
History	3	Physical Education, Normal	1
		Elective	2
		Civic Biology	3

NOTES—This course requires a total of 66 semester hours of which 10 shall be in Observation and Teaching. Students who have had a satisfactory course in drawing in the public schools will be held to but two hours each week for one year, while those who have had little or no instruction in Drawing prior to matriculation will be required to give four hours a week to this subject. Each group will receive the same credit, two semester hours. For further explanations of this course see a succeeding page of this catalogue.

THE THIRD OR SPRING QUARTER—The second semester in each of the courses in the State Normal College is divided into half semesters, or quarters, in order to accommodate teachers who desire to enter late in April or early in May, or as soon as their schools close. Almost every study scheduled to be given in the second semester will be offered in two classes, the second class beginning about eight or nine weeks before the close of the semester and reciting twice as many times per week as the regular class. Each spring several of the regular first semester studies will also be offered at the time of the organization of the new classes, so that teachers may enter at that time even more advantageously than at the beginning of the Summer Quarter.

It will be noticed that in the second semester of the second year options are offered in vocational subjects. These subjects are now required in many schools and every teacher should be fully equipped in at least one of these subjects, but if the student for any good reason does not care to take work of this character some other study will be assigned by the Dean of the College. Students who desire one year or more than one full year's work in a vocational subject will be given the opportunity.

The maximum number of hours allowed in one semester is 17, not counting Physical Culture, which must be taken two semesters in any diploma course.

The requirements for admission to this course are the same as for admission to all other diploma and degree courses in the University, with the exception that the fifteen units required for freshman rank may be made up of any recognized secondary subjects. In other words, no foreign language is required for admission to the Normal College diploma courses. This statement applies to all courses in the State Normal College except the two degree courses. Any graduate from a recognized first grade high-school will be admitted to the Freshman class of any of these courses without examination, but should such a student desire to pursue the course leading to the degree of Bachelor of Science in Education, all the requirements for that course must be met.

Attention is called to the requirements of the Ohio Laws of 1914, relative to professional training. Beginning January 1,

1915, professional training will be required as a prerequisite to admission to the county examinations.

SPECIAL

Students, who have completed the course for Elementary Teachers, or who have completed any of the two-year courses, may do the work leading to the degree of Bachelor of Science in Education in two additional years. The subjects necessary to the completion of this course must be carefully selected. The dean of the Normal College will be pleased to advise such students in selecting their work.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF EDUCATION IN MUSIC

Prerequisite full College Entrance Requirements

FRESHMAN YEAR

FIRST SEMESTER

Voice	2
Piano or Violin.....	1
Notation and Sight Singing.....	2
Harmony	2
Methods.....	2
History of Music.....	1
Psychology	3
Observation.....	2
Ear Training, $\frac{1}{2}$ Semester.....	2
Chorus and Conducting, $\frac{1}{2}$ Semester.....	2

SECOND SEMESTER

Voice.....	1
Piano or Violin.....	1
Notation and Sight Singing. . .	2
Harmony.....	2
Observation.....	2
History of Music.....	1
Paidology.....	3
School Management and school Law.....	2
Method, $\frac{1}{2}$ Semester.....	
Advanced Sight Singing, $\frac{1}{2}$ Semester.....	2

SOPHOMORE YEAR

Voice.....	2
Piano or Violin	1
Harmony.....	2
Advanced Sight Singing.....	2
Methods.....	2
Teaching.....	3
Elementary Course of study.....	3

Voice.....	2
Harmony.....	2
Methods.....	2
Teaching.....	3
Principles of Education.....	3
Advanced Sight Singing, $\frac{1}{2}$ Semester..	2
Chorus and Conducting, $\frac{1}{2}$ Semester.....	2
Elective.....	2

JUNIOR YEAR

Voice.....	2
Interpretation and Form.....	3
Science of Education.....	3
German or French....	5
Psychology.....	3

Voice... ..	2
Interpretation and Form.....	3
Science of Education.....	3
German or French.....	5
Psychology.....	3

SENIOR YEAR

Voice.....	2
Instrumentation	3
History of Education	3
School Administration.....	3
Survey of English Literature... ..	3
Sociology, Course 8.....	2

Voice....	2
Instrumentation.....	3
History of Education.....	3
Supervision and Criticism	2
Survey of English Literature... ..	3
Modern Drama.....	2
Sociology, Course 12.....	2

DIPLOMA COURSE IN PUBLIC-SCHOOL MUSIC

FRESHMAN YEAR

FIRST SEMESTER

Voice.....	2
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Methods.....	2
History of Music.....	1
Psychology.....	3
Observation.....	2
Ear Training, $\frac{1}{2}$ Semester.....	1
Chorus and Conducting, $\frac{1}{2}$ Semester.....	1

SECOND SEMESTER

Voice.....	1
Piano.....	1
Notation and Sight Singing.....	2
Harmony.....	2
Observation.....	3
History of Music.....	1
Psychology.....	3
School Management and School Law.....	2
Methods, $\frac{1}{2}$ Semester.....	1
Advanced Sight Singing, $\frac{1}{2}$ Semester.....	1

SOPHOMORE YEAR

Voice.....	2
Piano.....	1
Advanced Sight Singing.....	2
Methods.....	2
Teaching.....	2
Elementary Course of Study....	3
Elective.....	2

Voice.....	2
Piano.....	2
Methods.....	2
Teaching.....	2
Principles of Education.....	2
Advanced Sight Singing.....	3
Chorus and Conducting.....	2
Elective.....	1

NOTE—Two years following graduation from a four-year high-school course will generally be required to complete this course, but those having some advanced knowledge of piano and voice may be able to complete it in less time.

DEGREE COURSE FOR TEACHERS OF COMMERCIAL SCIENCE, B. S. IN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
A Foreign Language.....	4	A Foreign Language.....	4
English Composition	2	English Composition	2
Economics.....	3	Commercial Law	3
American History.....	3	American History.....	3
College Algebra, or Physics, or Civic Biology.....	3	Trigonometry, or Physics, or Civic Biology.....	3

SOPHOMORE YEAR

American Poetry	3	English Poetry.....	3
Accounting I	4	Accounting II.....	4
Negotiable Contracts.....	2	Money and Banking	2
Com'l Geography.....	2	Advanced Economics.....	2
Industrial History.....	2	Principles of Education	3
Psychology	3	Elective	1

JUNIOR YEAR

Accounting III.....	2	Corporation Finance.....	2
Public Speaking.....	2	Accounting Problems.	2
Stenography I	4	Stenography II	4
Typewriting and Comp. 1.....	2	Typewriting and Comp. II....	2
Corporation Acctg	3	Psychology.....	3
Secondary Course Study.....	2	High School Methods.....	2

SECOND YEAR

Teaching.....	3	Advanced Civics.....	2
Stenography III	3	Thesis on Com'l Subject.....	3
History of Education.....	3	Teaching.....	3
School Administration.....	3	History of Education.....	3
Elective.....	3	Supervision and Criticism....	2
		Elective.....	2

DIPLOMA COURSE FOR SUPERVISOR OF PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	2
School Drawing	2
Free-Hand Drawing	4
Bookbinding or Manual Training	2
Electives	5

SECOND SEMESTER

School Management and School law	2
School Drawing, Advanced	1
Free-Hand Drawing	4
Hand work	2
Electives	5

SOPHOMORE YEAR

Designing	3
Mechanical Drawing	2
Paidology	3
Elementary Course of Study	2
Observation and Methods	2
Science of Education	3
Electives	2

Designing	3
Mechanical Drawing	2
Free-Hand Drawing	2
Art Appreciation	1
Teaching and Observation	2
Science of Education	3
Electives	3

JUNIOR YEAR

Composition and Methods	4
School Administration	3
History of Education	3
Teaching	2
Electives	4

Supervision and Criticism	2
Composition and Methods	4
History of Education	3
Teaching	4
Electives	3

DIPLOMA COURSE IN PUBLIC SCHOOL DRAWING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	2
Mechanical Drawing	2
Bookbinding or Hand Work	2
Free-Hand Drawing	4
Electives	2

SECOND SEMESTER

Principles of Education	3
School Drawing Advanced	1
Mechanical Drawing	2
School Management and School Law	2
Free-Hand Drawing	4
Observation in Teaching	3

SOPHOMORE YEAR

Composition and Methods	4
Designing	3
Elementary Course of Study	2
Paidology	3
Industrial Education	2
Teaching	2

Composition and Methods	4
Designing	3
Free-Hand Drawing	2
History of Elementary Education	2
Teaching	4
Art Appreciation	1

DIPLOMA COURSE IN KINDERGARTEN EDUCATION**FRESHMAN YEAR****FIRST SEMESTER**

Psychology	3
Kindergarten Theory and Activ- ities	4
Civic Biology	3
English Composition, N. C.	3
Observation and Methods	3
Sanitation and Hygiene	2

SECOND SEMESTER

Principles of Education	3
Civic Biology, 3; or Instrumen- tal Music	1
Kindergarten Theory and Activ- ities	4
School Management and School Law	2
Observation and Practice	3
Sociology	2

SOPHOMORE YEAR

Kindergarten Theory and Activ- ities	5
School Music	2
School Drawing	1
Paidology	3
Teaching in Kindergarten	3
Handwork	2
Electives	2

Kindergarten Theory and Activ- ities	4
School Music	2
Teaching in the Kindergarten ..	8
Primary Methods	2
History of Education	3

DIPLOMA COURSE IN MANUAL TRAINING**FRESHMAN YEAR****FIRST SEMESTER**

Psychology	3
School Drawing	1
Mechanical Drawing	2
Elementary Wood Work	2
Wood Finishing	2
Sanitation and Hygiene	2
English Composition, Teachers' Course	3

SECOND SEMESTER

Principles of Education	3
School Drawing	1
Mechanical Drawing	2
Hand Work	2
Bench Work	2
Wood Turning	2
School Management and School Law	2
Observation and Method	2

SOPHOMORE YEAR

Cabinet Making	2
Constructive Design	2
Mechanical Drawing	2
Pattern Making	2
History and Organization of Manual Training	2
Teaching	2
Electives	3

Cabinet Making	2
Mechanical Drawing	2
Machine Shop	2
Hammered Metal Work	2
Teaching	3
Industrial Education	2
Electives	3

DIPLOMA COURSE IN HOME ECONOMICS**FRESHMAN YEAR****FIRST SEMESTER**

Psychology.....	3
Chemistry	3
Sewing.....	2
Cookery.....	2
Drawing.....	1
English Composition.....	3
Gymnasium.....	1½

SECOND SEMESTER

Principles of Education.....	3
Chemistry.....	3
Sewing II.....	2
Cookery II.....	2
Applied Design	1
Observation	3
Gymnasium.....	1½

SOPHOMORE YEAR

History of Industrial Education	2
Cookery III.....	2
Sewing III.....	2
Teaching.....	3
Household Management.....	2
History and Organization of Domestic Science and art.....	1
Sanitation.....	2

Elementary Agriculture, Home Gardening and Window Decorations.....	2
School Management.....	2
Teaching.....	3
Sewing IV.....	2
Cookery IV.....	2
Primary Handwork.....	2
Food Study.....	2

DIPLOMA COURSE FOR SUPERVISOR OF HOME ECONOMICS

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
Chemistry	3
English Composition.....	3
Cookery I.....	2
Food Study.....	2
Drawing.....	1
Gymnasium.	$\frac{1}{2}$

SECOND SEMESTER

Principles of Education...	3
Chemistry	3
English.....	3
Cookery II.....	2
Primary Handwork.....	2
Textiles.....	1
Applied Design.....	1
Gymnasium.	$\frac{1}{2}$

JUNIOR YEAR

Mechanical Drawing.....	2	Agriculture	2
Sewing I.....	2	Sewing II	2
Cookery III.....	2	Cookery IV.....	2
Observation.....	3	Teaching	3
Household Biology.....	2	School Management....	2
History of Industrial Education	2	Paidology	3
Sanitation	2		

SENIOR YEAR

School Administration.....	2	Supervision and Criticism.....	2
Millinery and Art Needlework..	1	Millinery and Art Needlework..	1
Sewing III... ..	2	Sewing IV.....	3
Costume Design.....	3	Dietetics... ..	3
Home Nursing and Invalid		Household Management.....	3
Cookery.....	1	Cookery Home	2
Teaching.....	2	Demonstration and Cookery,...	2
History and Organization of Do-		Teaching.... ..	2
mestic Science and Domestic			
Art	1		
Electives.....	3		

DIPLOMA COURSE IN SCHOOL AGRICULTURE**FRESHMAN YEAR****FIRST SEMESTER**

Methods in General Agriculture	3
Horticulture.....	2
Forestry.....	2
Civic Biology.....	3
Domestic Science or Manual	
Training.....	2

SECOND SEMESTER

Methods in Gardening and	
Floriculture.....	3
Horticulture.....	3
Forestry.....	2
Civic Biology.....	3
Botany.....	3
Principles of Education.....	3

SOPHOMORE YEAR

Soils.....	2
Chemistry.....	3
Evolution and Heredity.....	3
Farm Animals.....	3
Botany.....	2
History of Industrial	
Education.....	2
Electives.....	2

Soils.....	2
Chemistry.....	3
Rural Economics or Com'l Law	3
Farm Crops.....	3
Botany.....	2
Electives.....	4

RURAL SCHOOL COURSE FOR TEACHERS**FIRST YEAR****FIRST SEMESTER**

United States History.....	3
Advanced Arithmetic and	
Methods.....	3
Physical Geography.....	3
American Literature.....	3
*Rural School Didactics.....	3
Electives.....	2

SECOND SEMESTER

United States History.....	3
Grammar.....	3
Political Geography.....	2
American Literature.....	3
Civil Government.....	3
Rural School Course of Study...	2

SECOND YEAR

Psychology.....	3
Civic Biology (Nature Study)...	3
English Literature.....	3
Composition and Rhetoric.....	3
Teaching.....	3
**Electives.....	2

Theory and Practice.....	3
Elementary Agriculture.....	3
English Literature.....	3
School Management and School	
Law.....	3
Teaching.....	3

*Courses in Rural School Didactics, Rural School Course of Study School Management and School Law will be organized at the middle of the second semester to accomodate teachers entering after the close of their schools.

**A great deal of latitude will be allowed students in electing branches to make up the required amount of work, and subjects can be selected from either the mathematics, science, history, or English departments. No student will be permitted to carry more than 17 semester hours. Each student taking this course should have at least one semester in Manual Training.

COURSE FOR RURAL SCHOOL SUPERINTENDENTS

Ohio now requires both County Superintendents and District Superintendents, in addition to all other supervisory positions required in the past. Persons desiring to qualify for these positions, paying from \$1,000 a year to perhaps \$2,500 a year, should take the regular four-year course leading to the degree of B. S. in Education and specialize by taking all the courses offered in the Rural Training Department, courses in School Administration Supervisor. Courses of Study, Rural Economics, Agriculture, Manual Training, History of Education, and Science of Education.

DIPLOMA COURSE IN PHYSICAL EDUCATION

A course in the Theory of Physical Education will be offered beginning September, 1914. This course is for students who wish to teach physical education in connection with other subjects. This course will cover two semesters, 2 hours credit. For students who desire to specialize in this line of work, the following Diploma Course is provided:

FRESHMAN YEAR

FIRST SEMESTER	SECOND SEMESTER
Physiology and Hygiene..... 4	Civic Biology..... 3
Chemistry..... 4	Physiology..... 3
Psychology..... 3	Chemistry..... 4
History of Physical Education and Gymnastics 1	Theory of Physical Education... 2
Practice of Gymnastics and Ath- letics (3)..... 1	Practice of Gymnastics and Ath- letics (3)..... 1
Civic Biology..... 3	School Management and School Law..... 2

SOPHOMORE YEAR

Paidology..... 3	Sociology..... 2
Human Anatomy..... 3	Human Anatomy..... 3
History of Elementary Educa- tion..... 3	Corrective Gymnastics..... 1
Bacteriology..... 3	Emergencies or First Aid to the Injured..... 1
Physiology of Bodily Exercise.. 1	Physical Examination and Pre- scription of Exercise.... 1
Practice in Gymnastics and Ath- letics (2)..... 1	Teaching..... 3
Teaching..... 2	Practice of Gymnastics and Ath- letics (2)..... 0
	Electives..... 5

THE STATE PREPARATORY SCHOOL

A PRACTICE SCHOOL FOR THE TRAINING OF HIGH SCHOOL TEACHERS

STATE NORMAL COLLEGE

FLETCHER S. COULTRAP, *Principal State Preparatory
School and Professor of the Art of Teaching*

The aim of this school is primarily to prepare students to enter the Freshman class of the Ohio University, and of the State Normal College at Athens. This City is situated in a portion of Ohio having few cities and not a large number of first-grade high-schools. It would evidently be unfair to the youth of South eastern Ohio if they were denied the opportunity to prepare to enter college. Since many of the most promising young men and young women come from the rural communities where there is only a second-grade or a third-grade high-school or perhaps no high-school at all, they find it necessary to go away from home to secure high-school education or to prepare for college.

Rather than go to a strange town to secure their high-school training and then go to still another town or city and be obliged to form new acquaintances in securing a college education, many of these young men and young women prefer to come to Athens where they may secure their preparatory training and their college education in the same school home.

Here the facilities for instruction in the preparatory studies are better than many communities can afford. Again, many young men and young women do not receive the real awakening and the real desire for more education until they have passed beyond the usual high-school or adolescent age. Perhaps they have taught school for several years before they

have been aroused by a re-birth, or perhaps they were compelled to teach a few years in order to make the money necessary to secure a college education. They soon find that they are really too old to attend the local high-school and would not find a hearty welcome there owing to differences due to age and experience. They want to live and work with young men and young women of their own age and their own ideals. Hence, the necessity and the wisdom of maintaining a State Preparatory School in South eastern Ohio.

It should be borne in mind, however, that the authorities of this University do not advise boys and girls who have high-school opportunities at home to leave such opportunities for the State Preparatory School. Young people under eighteen years of age should remain at home and profit by such advantages as may be offered in their own localities, unless there is no good high-school within reasonably convenient access. The State Preparatory School hopes to encourage young men and young women who feel too old to mingle with adolescents of the ordinary high-school age; and also to encourage thousands of teachers who began teaching before having completed a high-school course and now feel that they would be more or less humiliated to return to high-school. Thousands of these young men and women should be saved to the teaching profession, and they must realize that in order to be of the most service to the state as teachers they must secure a college education, at least a two-year college course to fit them for work in the elementary schools.

The Principal of the State Preparatory School will be pleased to advise, personally or by correspondence, any young man or young woman who feels his or her handicap.

NORMAL COLLEGE PREPARATORY

FIRST YEAR

FIRST SEMESTER

Beginning Latin.....	5
Algebra.....	5
Composition and Rhetoric.....	5
Ancient History.....	4
Physiology and Hygiene.....	4

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	2
Modern History.....	4
School Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition... 4
Plane Geometry..... 5
American Classics..... 4
Botany..... 3
Roman History..... 4

Cæsar and Latin Composition.. 4
Solid Geometry..... 3
English History or American Classics..... 4
Botany 3
Music 1
Drawing 2

THIRD YEAR

Cicero or German..... 4
Algebra, Completed..... 3
English Classics 4
Physics 4
Public-School Drawing..... 2
Mechanical Drawing..... 1
Elementary Joinery or Plain Sewing..... 2

Cicero or German 4
Physics 4
History of English Literature and Classics..... 4
Public-School Drawing..... 1
Mechanical Drawing or Public School Drawing..... 1
Problems in Furniture Making or Dressmaking... 2

FOURTH YEAR

Virgil or German..... 4
United States History..... 5
Chemistry, 4; or Agriculture... 4
Orthography and Phonics 2
Physical Geography..... 5

Virgil or German 4
Advanced Arithmetic..... 3
Advanced English Grammar and Methods..... 3
Civil Government..... 3
Chemistry, 3; or Agriculture... 3
Electives..... 4

CLASSICAL PREPARATORY COURSE

FIRST YEAR

FIRST SEMESTER

Beginning Latin.. .. .	5
Algebra.....	5
Composition and Rhetoric.....	5
Physiology and Hygiene.....	4
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Composition... ..	4
Plane Geometry.....	5
American Classics.....	4
Ancient History.....	4
Drawing.....	1

Cæsar and Latin Composition... ..	4
Solid Geometry.....	3
History of American Literature and Classics.....	4
Modern History.....	4
Drawing.....	1
Music.....	1

THIRD YEAR

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab....	4
English Classics.....	4
Algebra, completed.....	3

Cicero and Latin Prose.....	4
Elementary Botany.....	3
Elementary Physics and Lab. .	4
History of English Literature and Classics.....	4
Orthography and Phonics.....	3

FOURTH YEAR

Virgil and Latin Prose.....	4
United States History.....	5
Beginning Greek.....	5
Physical Geography.....	5
Freehand Drawing.....	2

Virgil and Latin Prose.....	4
American Government.....	3
Beginning Greek, completed and Xenophon's Anabasis.....	5
Advanced Arithmetic.....	3
Freehand Drawing.....	3
Electives.....	2

SCIENTIFIC PREPARATORY COURSE**FIRST YEAR****FIRST SEMESTER**

Beginning Latin.....	5
Algebra.....	5
Physiology and Hygiene.....	4
Composition and Rhetoric.....	5
Drawing.....	2

SECOND SEMESTER

Beginning Latin.....	5
Algebra.....	3
Composition and Rhetoric.....	5
Electives.....	5
Drawing.....	2

SECOND YEAR

Cæsar and Latin Prose.....	4
Ancient History.....	4
American Classics.....	4
Drawing.....	1
Plane Geometry.....	5
Elementary Cooking.....	

Cæsar and Latin Prose.....	4
Modern History.....	4
History of American Literature and Classics.....	4
Drawing.....	1
Solid Geometry.....	3
Music.....	1
Elementary Cooking.....	

THIRD YEAR

Cicero and Latin Prose or Ger- man.....	4
Elementary Botany.....	3
Algebra, Completed.....	3
Roman History.....	4
English Classics.....	4
Food Study.....	

Cicero and Latin Prose or Ger- man.....	4
Elementary Botany.....	3
Orthography and Phonics.....	3
Grecian History.....	4
History of English Literature and Classics.....	4
Household Management.....	

FOURTH YEAR

Virgil and Latin Prose or Ger- man.....	4
United States History.....	5
Physical Geography.....	5
Elementary Physics and Lab ..	4
Freehand Drawing.....	2

Virgil and Latin Prose or Ger- man.....	4
American Government.....	3
Advanced Arithmetic.....	3
Elementary Physics and Lab....	4
Freehand Drawing.....	3
Advance Grammar.....	3

Note—In this course, all or two years of the Latin may be substituted by an equivalent in French or German.

CANDIDATES FOR ADMISSION to this department must furnish satisfactory evidence of good character, and must give evidence of proficiency in all studies of the courses lower than those they wish to pursue. Students who expect to graduate from the State Normal College must give evidence that they are thoroughly familiar with the common-school branches.

There are three preparatory courses, each requiring four years for its completion, and each leading to a corresponding course in the University or in the State Normal College. For the benefit of those who wish a more thorough preparation for their work, classes in Arithmetic, Elementary Algebra, and English Grammar will be organized at the beginning of each semester.

COURSES OF STUDY IN DETAIL

LATIN

FIRST YEAR

Collar and Daniell's First Year Latin completed. Easy Latin Prose Composition based on First Year Latin work. The aim of this year is a complete mastery of the First Year Latin.

NOTE—Classes in Beginning Latin are organized each semester.

SECOND YEAR

Cæsar's Commentaries and Latin Prose Composition. Much emphasis is placed on the Latin Prose that the students may become familiar with the more simple Latin constructions.

THIRD YEAR

Cicero's Orations. At least six Orations are read, including the four Orations against Catline. Latin Prose Composition. A careful study of forms and syntax is an important part of this year's work.

FOURTH YEAR

Virgil's Aeneid, Books I-VI. Grammar reviews, scansion, and mythology. Latin Prose Composition.

GREEK

FIRST SEMESTER

White's First Greek Book with particular reference to inflections and sentence writing.

SECOND SEMESTER

White's First Greek Book and Xenophon's Anabasis. Grammatical reviews and translations into Greek of easy prose.

PREPARATORY ENGLISH**First Year****FIRST SEMESTER**

Composition and Rhetoric. Elementary work in the theme, the paragraph, and the sentence.

SECOND SEMESTER

Composition and Rhetoric. Work in narration, description exposition, and argumentation.

Second Year**FIRST SEMESTER**

Classics from American Literature: Poe, Bryant, Webster, Franklin, Irving, Cooper, Washington, Thoreau, Emerson, Holmes, Whittier, Longfellow, Lowell, Hawthorne, Burroughs, Aldrich. Short stories.

SECOND SEMESTER

History of American Literature, with collateral readings.

Third Year**FIRST SEMESTER**

Classics from English Literature: Milton's Minor Poems, Pope's Rape of the Lock, Merchant of Venice, Julius Caesar, Hamlet, Macbeth, The Tempest, Selections from Goldsmith, Rasselas, Sheridan, Coleridge, Wordsworth, Burns, Carlyle, Macaulay, George Elliot, and Tennyson.

SECOND SEMESTER

History of American Literature, with collateral readings.

Fourth Year

A thorough review of the principles of English Grammar with a view to a mastery of this subject. Advanced English Grammar.

GERMAN

First Year

FIRST SEMESTER

German Grammar complete. Study of forms and compositions. Conversation based on Newson's First German Book (the new edition of Alge's *Leiftfaden*), in connection with Hoelzel's charts on the seasons. Reader begun.

SECOND SEMESTER

Some short modern stories, such as *Storm's Immensee* and composition based thereon. Conversation as in first semester. Eichendorff's *Aus dem Leben eines Taugenichts* or some other short story, Wesselhoff's German Composition.

This course is for students who offer no credit in German for entrance and begin the study of German. For students who had one year of high-school work in German, the following work is offered preparatory to regular Freshman German: first and second semesters; Review of German, conversation based on Newson's *German Course* and those Hoelzel charts connected with it. Reading of several modern stories and composition based on the text. It is known as Conversational or Special Freshman German, as collegiate credit will be given if the student is otherwise entitled to it.

FRENCH

Students taking the Scientific Course may substitute French and German for all or a part of the Latin. As to the work in French and Spanish, consult the department of French and Spanish in another part of the catalogue.

PHYSICS

FIRST AND SECOND SEMESTER

Recitations and Laboratory work, four hours per week. Graduates of first grade high-schools who have studied such texts as Carhart and Chute or Millikan and Gale will receive full credit for their class work. If in addition they present note books

showing that at least forty experiments have been *performed* and carefully written up, they will receive full credit for the course without condition.

The first semester is devoted to Properties of matter, Laws of Motion, Mechanics of Solids, Liquids, Gases, and Heat.

The second semester is devoted to Magnetism and Electricity, Sound and Light. One of the above texts will be used in the class; and the manual of Atkinson and Evans as a laboratory guide.

PHYSICAL GEOGRAPHY

This subject is required in all courses. A standard textbook is studied for one semester.

BOTANY

This course will be a study of plants in their practical relations to mankind. Much emphasis will be placed on field and garden work. Each student will prepare a herbarium, and will be required to attend to a small garden. *Practical Botany* by Bergen and Caldwell will be the text. Three hours per week throughout the year.

AMERICAN GOVERNMENT

A careful study of the actual workings of the government, national, state, and local. James and Sanford's *Government in State and Nation* is used as the text.

U. S. HISTORY

Reference work is required each week. Some training in the use of sources is given. Frequent reports and papers are required. Careful note books must be kept.

GENERAL HISTORY

The aim is to give the student a general acquaintance with the leading persons, and the institutions, political and religious, with the literary and artistic movement; in general, with the

progress of civilization in its broader aspects. The method employed will be the text-book, references to more comprehensive works, essay-writing, map-drawing, and lectures by the instructor.

ARITHMETIC

This course in Arithmetic comprises two semesters. Accuracy and rapidity in performing the operations in the solutions of problems is the first aim in the study of this subject. Ray's *Higher Arithmetic* is the text-book for the second semester. The subjects especially emphasized in this term's work are the following applications of Percentage: Profit and Loss, Interest, True and Bank Discount, Stocks and Bonds, Commission, Exchange, and Equation of Payments. Other subjects which receive special attention are Arithmetical Analysis, Involution and Evolution, and the very important subjects of Mensuration. The one important result, a proper understanding of the reason for every step necessary to the solution of a problem, is kept constantly in mind throughout all the work in Arithmetic. This is the teacher's class and form of solution and methods of teaching receive special attention.

ALGEBRA

First semester Algebra will include all the fundamental operation of Algebra, factoring and its applications, and simple equations, to involution and evolution. Well's *Secondary Algebra* is the text-book used.

Second Semester Algebra, will include a brief review of simple equations, indeterminate equations, inequalities, special method of elimination, symmetry, and quadratic equations to harmonical progressions, using Fisher and Schwatt's *Higher Algebra* as the text-book.

GEOMETRY—PLANE AND SOLID

The work in Plane Geometry will run through the first semester. In this work students are encouraged to form the habit of original investigation. Terseness and technical accu-

acy of statements are constant requirements, and much emphasis is given to the application of the principles of geometry to arithmetic.

Solid Geometry will be given the first half of the second semester. This work will include the fundamental propositions in plane and solid angles, polyhedrons, and the sphere, with a great variety of original exercises. Lyman's *Plane and Solid Geometry* is the text-book used.

As in arithmetic, so in algebra and geometry, special emphasis is placed upon forms of solution and methods of teaching for the benefit of Normal College students taking work in teaching and observation.

DESCRIPTIVE ASTRONOMY

A two-hour course through one semester is devoted to this subject. A text-book is used, but the topical method of recitation is followed, and students are encouraged to seek information from the standard works of Astronomy in the library. Students are made familiar with the Zodiacal and Circum-polar Constellations, the principal stars and planets. The University is supplied with a good telescope and all the apparatus necessary to efficient work in this study.

Note—For the courses in Advanced Algebra, Trigonometry, and Surveying, and electives in mathematics, see description of courses in the College of Liberal Arts. The courses in Arithmetic are offered each semester. Classes in Algebra and Geometry will be organized at the close of the ninth week of the second semester to accommodate teachers entering after the close of their schools.

PHYSIOLOGY

The text-book is Hough and Sedwick's *The Human Mechanism*. The aim is to give a good general knowledge of anatomy and hygiene and of the functions of the different organs of the body. A large amount of laboratory work is done.

DRAWING

Drawing is required in all courses. Three hours in the studio are considered equivalent to the recitation hour.

The work begins with Still-life in outline, then Still-life in light and shade, single objects and in groups. After this, perspective is taken up. The work is done in charcoal, but occasionally the pencil is used and also pen and ink by those who desire it.

Drills are given in time sketching and in memory sketching. When the student can do this work satisfactorily, he may work in color or he may study from the cast; first, individual features, then heads, then the figure. This can not be done in two semesters however unless the student has unusual ability, or puts in more than one hour a day.

When the students are able to draw from the living models they are permitted to do so. A great variety of work can be done as the student advances, such as studies in composition, posters with the figure for the principal motive, etc.

Courses in Mechanical Drawing and in Public-School Drawing are also offered for preparatory credit.

OHIO UNIVERSITY

Degrees, Diplomas and Certificates June 18, 1914

A. B.

Ella Jean Adams	Highland
Floyd Guyton Beam	Athens
Mac Slator Bethel	Athens
Lucy Inez Brickles	Nelsonville
Charles Townsend Buell	Lancaster
William Carl Cheeseman	Slippery Rock, Pa.
Homer Virgil Cherrington	Athens
Oscie Drusilla Chrisman	Athens
Lizzie Faye Cline	Albany
Anna Charlotte Copeland	Athens
Edna Florence Copeland	Athens
Charles Middleton Eccles	Athens
Norman Fulton	Shade
Miles McKindree Graham	Logan
Carrie Clester Junod	Athens
Majel Lawrence	Coolville
Bernard R. LeRoy, Sr.	Athens
Laura Helen Leech	Athens
Louise Mickelthwaite	Portsmouth
Benjamin Warren Miller	Millwood, W. Va.
Anna Katherine Pickering	Athens
Chauncey Ace Plyley	Washington, C. H.
Eva Inez Power	Nelsonville
Florence Marie Rambo	Zanesville
Samuel Renshaw	Athens
Elsie Myrtle Richards	Kokomo, Ind.
Robert Elliott Rucker	Rappsburg

Albert Truman Smith	Big Plain
Carroll Stewart	Athens
Lena Ada Swartz	McArthur

B. S.

Edwin Wallace Bash	White Cottage
Herman Davis Bishop	Derby
Stanley Dougan	Chesterhill
Herman Henry Du Bois	Vigo
Blaine Randolph Goldsberry	Athens
Fred M. McKay	Athens
Henry Max McLaughlin	Wilkesville
George Leslie Sherman	Athens
Alfred William Stewart	Portsmouth
Carl Henry Wilson	Conneaut

B. S. in Education

Fannie Cozette Bean	Athens
William Raphael Blumenthal	Cleveland
Lurena Marjorie Cattell	Mt. Pleasant
Virginia May Crisenberry	Cardington
Walter H. Everhart	West Lafayette
Perry Wilbur Fattig	Ithaca, N. Y.
Florence Beryl Fishel	Pleasant City
Burl Frampton	St. Marys
Essie Maud Greisheimer	Chillicothe
Margaret Hall	Proctor, W. Va.
Mary Isabel Hanna	Cadiz
Estella Faye Hewitt	New Marshfield
Florence Estelle Hutchins	Nelsonville
Zella Elizabeth Knoll	Alliance
Albert Francis Lyle	Shelbyville, Ill.
Joseph Wilson Lyle	Cincinnati
George Evert McLaughlin	Athens
James Edgar McNaughton	South Webster
William B. McPherson	Jasper
Gertrude O'Connor	Stewart
Lena Estelle Patterson	Athens
Anna Klostermeier Price	Athens

Marie Louise Price.....	Athens
John Watson Ray.....	Oil City, Pa.
Anna Elizabeth Robinson.....	Newark
Samuel Sullivan Shafer.....	Athens
Mary Ethel Shuman.....	Sherodsville
Charles Edward Skinner.....	Newark
May Templer.....	Belpre
Bert McCune Thompson.....	Byesville
Jessie May Tresham.....	Harrisville, W. Va.
Nathaniel Wiley.....	Kimball, W. Va.
Ernest Constantine Wilkes.....	Athens
Cary C. Wood.....	Goshen

A. M.

Carl G. Pemberton.....	New Lexington
Herman H. Young.....	Mogadore

A. M. Pro Honore

Arthur Howe Carpenter.....	Crafton, Pa.
Harry Mansfield Coultrap.....	Geneva, Ill.
Warren Miller.....	Ripley, W. Va.
David Franklin Pugh.....	Columbus

M. S. in Education

Joseph Hooker Comstock.....	Athens
Mau Deh Lu.....	Shantung, China
Francis Halbert McVay.....	Athens
Marion Wolcott.....	Greenwich

DIPLOMA COURSES WITHOUT DEGREES

Two-Year Course in Elementary Education

Edith Caroline Aiken.....	Jewett
Grace Bateman.....	Fredericktown
Annia May Bayley.....	Elyria
Besse Mae Benedict.....	Greenwich
Grace Mayfred Biedel.....	Watertown
Mary Lenore Bye.....	Negley

Ethel Marie Carter.....	Nelsonville
Gladys Fantine Christman.....	Waterville
Anastasia Collins.....	Athens
Edna Catherine Cooper.....	Youngstown
Lela Arminda Ewers.....	Fredericktown
Shirley Minerva Fawcett.....	Wellsville
Clara May Floyd	Lancaster
Winifred Jaymes Grafton....	Adena
Mary Hoover	Middlebranch
Sylvia Hoover.....	Middlebranch
Helen Elizabeth Hunt.....	Warren
James Lloyd Hupp	Hemlock
Margaretta Elizabeth James.....	Steubenville
Edna Juliet Karr.....	Kinsman
Lucy Marie Katzenbach	Nelsonville
Clara Catherine Leydorf.....	Perrysburg
Blanche Lois Long.....	Mt. Vernon
Jessie Hazel Lortz.....	Amesville
Rose Gertrude McCarroll.....	Steubenville
Augusta Bess McKelvey	Fredericksburg
Genevieve Mariner.....	Youngstown
Hattie Ellen Morris.....	Carroll
Nellie Abigail Morris.....	Magrew
Mary Edith Park.....	Warren
Carrie De Ette Pease.....	Wellington
Blanche Petty.....	Rockland
Mary Leah Phillips.....	Athens
Margaret Grace Pittinger.....	Toronto
Henrietta M. Schleicher.....	Lancaster
Vivian Richards Shott.....	New Philadelphia
Arloa Janiza Spracklen.....	Kenton
Zoe Lenore Sprowl.....	Huron
Jessie Belle Strong.....	Fredericktown
Bess M. Todd.....	Columbus
Lena Matilda Van Dorn.....	Pataskala
Virginia Jeannette Verity.....	Nelsonville
Elsie Vere Vincent	Van Wert
Mary Ward.....	Athens
Anna Marie Ware.....	Frankfort

Maude Antoinette Weber.....	Dexter City
Eliza Lorena White.....	Chandlersville

Kindergarten Course

Esther Lillian Harrod.....	South Charleston
Hazel Elizabeth Hunt.....	Somerset
Ruth Elizabeth Jones.....	South Charleston
Olive Jane Roberts.....	Sidney
Irma Willis	Canton

Public School Drawing

Supervisors' Course

Laura Belle Bailey.....	Athens
Minnie Helena Horton.....	Lockwood
Zelma Katherine Krapps.....	Athens
Lena Estelle Patterson	Athens
Verda E. Williams.....	East Liberty

Public School Drawing

Teachers' Course

Olive Alexander Robens.....	Chagrin Falls
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Public School Music

Elizabeth Brettell	Mingo Junction
Lovina Caster.....	Carpenter
Nelle Elizabeth Copeland.....	Athens
Elizabeth Gertrude Garber.....	Bellville
Mary Kathryn Kennedy.....	Cadiz
Martha Lee King.....	Marietta
Helen Emma Pickett.....	Athens
Ina Leona Secoy.....	Athens
Adah Ellen Sigler.....	Cortland
Hazel Dean Strode.....	Chesterhill
Fred Lee Tom.....	Athens
Edna Alice Whitsey.....	Put-In-Bay
Zoe Willis.....	Wellston

Manual Training

Wilbur Milton Williams..	Plainfield
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Domestic Science

Isabelle Elizabeth Bacon.....	Vernon
Golda Irene Barrows.....	Marietta
Effie Brown Baum	Bourneville
Florence Marie Brown.....	Jackson
Rose Ora Brown.....	Kelley's Island
Nancy Louise Copeland.....	Cadiz
Hazel Marie Crooks	Grove City
Gladys Allen Danford....	Glouster
Marie Louise Dodds.....	Cleveland
Goldie Jean Drake....	Athens
Mildred Arline Eddy.....	Athens
Elsie Enstminger	Middleport
Margaret Hall.....	Proctor, W. Va.
Winifred Daisy Hardin	Gambier
Kathryne Anne Herbert.....	Cleveland
Edna Fern Hesse.....	Roseville
Carrie Clester Junod.....	Athens
Elsie Leota Knoll.....	Alliance
Bernice Olive Long.....	Mt. Vernon
Pearl Burnham Magrew.....	Magrew
Frances Mary Miller.....	Kelley's Island
Florence Elizabeth Nelson.....	Athens
Ada Rebecca Pilcher.....	McArthur
Anna Laura Porter.....	Plattsburg
Mary Elizabeth Reeves.....	New Burlington
Orrell Louisa Rood.....	Chargin Falls
Anna Elizabeth Robinson.....	Newark
Mamie Lizbeth Rutledge.....	Athens
Margaret Gertrude Smedley.....	Youngstown
Frances Folsom Stevens.....	Newark
Anna Belle Thomas.....	Cumberland
Mary Eva Warner.....	Andover
Nola Cole Whittlesey.....	Atwater

Electrical Engineering

Harold Way Anderson.....	Lancaster
Leland Irving Krieg.....	Nelsonville
Walter Ralph Langsdon	Mendon

Karl Burr Mann.....	Clyde
Lester Leroy Motz... ..	Brice
Earl Kemper Peugh.....	Glouster
Edgar Weaver Sayre.....	Letart Falls
Luiz de Lima Vianna	Minas Geraes, Brazil

Civil Engineering

Harley Earl Calvin	Hamden
Stanley Miller Hastings	Zanesville
Bernard David Johnson.....	McConnelsville
James Robertson King.....	Clyde
Omar Ashton Knisely.....	Bainbridge
Lewis Walter Russell.....	Luther, Montana
Leo Schaeffler	Athens
Gwilym I. Williams	Glouster

College of Music

Genevieve Baker Thurlow....	Athens
Fred Lee Tom.....	Athens

Oratory

Clara Pauline Ewing.....	Bellaire
Lucile Rebecca Henry.....	Athens

Graduates of the Two-Year Collegiate Commercial Course

Mac Slator Bethel.....	Athens
Norman Fulton.....	Shade
Etta S. Kelly.....	St. Marys
Arthur Albert Love.....	Nelsonville
Earl Sidney Snyder	Ney

PROGRAM
OF
ANNUAL COMMENCEMENT

JUNE 18, 1914

The Orchestra

- Song—"Celeste Aida".....*Verdi*
FRED LEE TOM
- Oration.....The Eternal Vesture
MILES M. GRAHAM
- Oration.....The School of To-morrow
FLORENCE BERYL FISHEL
- Oration.....The Beauty of the Commonplace
MAC S. BETHEL
- Violin—"Scene de Ballet".....*DeBeriot*
GENEVIEVE THURLOW
- Oration.....The Invading Armies of the East
SAMUEL S. SHAFER
- Oration.....A Defence of the Monroe Doctrine
HOMER V. CHERRINGTON
- Orchestra—"Fantasie in B Minor".....*J. N. Hizey*
Conferring of Degrees and Presentation
of Diplomas
- Benediction.....Rev. C. E. Chandler

ALUMNI DEPARTMENT

CLEMENT L. MARTZOLFF, B. Ped., M. Ped., *Secretary*

At the annual meeting of the Board of Trustees of Ohio University, in June, 1906, the office of Alumni Secretary was created. The object of this department is to assist in the work of

the Alumni Association, to organize clubs of alumni and former students, to secure data concerning the history and the alumni of the University.

A monthly news bulletin is published, giving items of interest concerning the alumni.

GENERAL ALUMNI ASSOCIATION

Constitution

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ARTICLE II. The officers of the Association shall be President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ARTICLE III. The annual meeting of this Association shall be held in connection with the Commencement exercises of the University.

ARTICLE IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ARTICLE V. Any member of the Faculty, and graduate of the University, also any one who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ARTICLE VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ARTICLE VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

The Ohio University Alumni Association of New England

(Organized in 1912)

President, W. T. MORGAN, '09.....Cambridge, Mass.

Secretary, HARRY L. RIDENOUR, '12.....Cambridge, Mass.

The Ohio University Alumni Association of the Western Reserve

(Organized in 1912)

President, EMMA K. DANA, '78.....Cleveland, Ohio

Secretary, DR. A. A. JOHNSON, '08.....Cleveland, Ohio

The Ohio University Club at Cornell

(Organized in 1913)

President, H. A. PIDGEON, '11.....Ithaca, New York

Secretary, C. L. SHILLIDAY, '12.....Ithaca, New York

The Ohio University Alumni Association of Southwestern Ohio

(Organized in 1914)

President, L. D. MCGINLEY, '94.....Hamilton, Ohio

Secretary, E. C. EIKENBERRY.....Camden, Ohio

The Ohio University Alumni Association of Eastern Ohio

(Organized in 1914)

President, G. W. REED, '88.....Uhrichsville, Ohio

Secretary, C. R. Ridenour, '12.....Cadiz, Ohio

LIST OF STUDENTS

COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS STUDYING FOR A DEGREE

Jones, Walter Howell, A. B., B. D.....	Jackson
LeRoy, Bernard Reamy, A. B., M. D.....	Athens
Leech, Laura Helen, A. B.....	Athens
Lowther, William Ernest, B. S ..	Athens
Pemberton, Carl G., Ph. B.....	New Lexington
Place, Jesse Alfred, A. B.....	Athens
Young, Herman H., A. B.....	Mogadore

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CLASS OF 1914

Adams, Ella Jean.....	Highland
Bash, Edwin Wallace.....	White Cottage
Beam, Floyd Guyton.....	Athens
Bethel, Mac Slator.....	Athens
Bishop, Herman Davis.....	Derby
Brickles, Lucy Inez.....	Nelsonville
Buell, Charles Townsend.....	Lancaster
Cheeseman, William Carl.....	Slippery Rock, Pa.
Cherrington, Homer Virgil.....	Athens
Chrisman, Oscie Drusilla.....	Athens
Cline, Lizzie Faye.....	Albany
Copeland, Anna Charlotte.....	Athens
Copeland, Edna Florence, B. S.....	Athens
Dougan, Stanley.....	Chesterhill
Du Bois, Herman Henry.....	Vigo
Eccles, Charles Middleton.....	Athens
Fulton, Norman.....	Shade
Goldsberry, Blaine Kandolph.....	Athens
Graham, Miles McKindree.....	Logan
Junod, Carrie Clester.....	Athens
Lawrence, Majel.....	Coolville
LeRoy, Bernard Reamy, Sr.....	Athens
Leech, Laura Helen.....	Athens
McKay, Fred Merrick.....	Athens
McLaughlin, Henry Max.....	Wilkesville
Micklethwaite, Louise.....	Portsmouth

Miller, Benjamin Warren.....	Millwood, W. Va.
Pickering, Anna Katherine.....	Athens
Plyley, Chauncey Ace.....	Washington C. H.
Power, Eva Inez.....	Nelsonville
Rambo, Florence Marie.....	Zanesville
Renshaw, Samuel.....	Athens
Richards, Elsie Myrtle.....	Kokomo, Ind.
Rucker, Robert Elliott.....	Rappsburg
Sherman, George Leslie.....	Athens
Smith, Albert Truman.....	Big Plain
Stewart, Alfred William.....	Portsmouth
Stewart, Carroll.....	Athens
Swartz, Lena Ada.....	McArthur
Wilson, Carl Henry.....	Conneaut

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UNDER-GRADUATES

Name	Course	Rank	Address
Abbott, Lafayette.....	Eng.....	Fresh.....	Lancaster
Aber, Irene Virginia.....	A. B.....	Sen.....	Athens
Aber, Nina Conner.....	A. B.....	Sen.....	Athens
Albright, John Grover.....	A. B.....	Soph.....	Athens
Alfred, Theodore C.....	A. B.....	Soph.....	Lancaster
Algeo, Charles Thomas.....	Com'l.....	Fresh.....	Pataskala
Allen, Ella.....	Music.....		Glouster
Allensworth, Agnes Florence.....	Special.....		Unionport
Anderson, Harold Way.....	A. B.....	Jun.....	Lancaster
Anderson, William Reed.....	A. B.....	Fresh.....	Mansfield
Andrews, Helen Elizabeth.....	Special.....		Monmouth, Me.
Andrews, Zoe Marie.....	A. B.....	Fresh.....	Glouster
Antorietto, Dora Catherine.....	Music.....		Athens
Armstrong, Valerie.....	Music.....		Athens
Arnold, Dana B.....	Eng.....	Fresh.....	Bedford
Arpee, Victoria Agnes.....	A. B.....	Fresh.....	Athens
Athas, Constantine Pan.....	Special.....		Ligoudista, Greece
Atkinson, Gertrude Aldine.....	A. B.....	Fresh.....	Athens
Auer, Charles Frank.....	Eng.....	Fresh.....	Baltimore
Augustus, Ernest.....	Com'l.....	Fresh.....	Chillicothe
Aumiller, Leighton Edington.....	A. B.....	Fresh.....	Nelsonville
Bahnsen, Christopher J.....	A. B.....	Soph.....	Latcha
Bairamain, Barker Duros.....	Special.....		Paphos, Cyprus
Baird, Hazel Marian.....	Com'l.....	Fresh.....	Athens
Baker, Fred Gifford.....	Com'l.....		Athens
Barth, Karl Morrison.....	A. B.....	Jun.....	Athens
Bash, Herbert Wigton.....	A. B.....	Soph.....	White Cottage
Battrick, Helen Claire.....	A. B.....	Fresh.....	Williamsfield
Bauer, William Wert.....	A. B.....	Fresh.....	Thurston

Name	Course	Rank	Address
Bauersachs, Walter Seal.....	A. B....	Soph.....	Waverly
Bauman, Ida Grace.....	A. B....	Jun.....	Allentown, Pa.
Bay, John Elbert.....	Eng.....	Soph.....	Cumberland
Bell, Enid Rose.....	A. B....	Jun.....	Jacksonville
Bender, Harry Albert.....	A. B....	Fresh.....	Uhrichsville
Bender, Jacob Roy.....	A. B....	Fresh.....	Uhrichsville
Bentley, William Prescott....	A. B....	Jun.....	Athens
Benton, Fletcher Chapman....	A. B....	Soph.....	Jackson
Bethel, Nina Pauline.....	A. B....	Fresh.....	Athens
Biddle, Clinton Poston.....	A. B....	Fresh.....	Athens
Bierer, Martin Ellsworth.....	A. B....	Sen.....	Adena
Biggins, Lena Glendora.....	Com'l.....		Canaanville
Bins, Norbert Matthew.....	Eng.....	Fresh.....	Lorain
Black, Della Olive.....	Music.....		Athens
Black, Edith Lucile..	Music.....		McConnelsville
Blake, Carleton Frederic.....	Special.....		Monmouth, Me.
Blosser, Frank Ray.....	A. B....	Sen.....	Hicksville
Bogran, Samuel.....	Eng.....	Soph.....	Santa Barbara, Honduras
Bolin, Eleanor.....	Com'l.....		Athens
Bort, Donald S.....	Com'l.....	Soph.....	Logan
Bowser, Ida Elizabeth.....	Music.....		Columbus
Brady, Benjamin Franklin....	Eng.....	Soph.....	Nelsonville
Brainerd, Arthur Alanson....	A. B....	Sen.....	Hartford, Conn.
Brown, Floyd Ernest.....	Music.....		Athens
Brown, James Gladstone....	A. B....	Sen.....	Uhrichsville
Brown, Wilda Lucile.....	Music.....		Athens
Brubaker, Elizabeth Marie....	Com'l.....	Fresh.....	Urbana
Brubaker, Lucile.....	Com'l.....	Fresh.....	Urbana
Bryson, Lucy Weethee.....	Music.....		College Hill
Buchanan, Arthur Ellsworth..	Com'l.....	Fresh.....	Waterford
Buchanan, Bertha Aletha..	A. B....	Fresh.....	Sherodsville
Buell, Lewis Edward.....	A. B....	Soph.....	South Bloomfield
Bunch, Charles Henry.....	A. B....	Sen.....	Ravenna
Bundy, William Sanford.....	A. B....	Sen.....	Athens
Burleigh, Viola May.....	Com'l.....		Athens
Burson, Ethel Frances.....	Music.....		Athens
Cagg, Miles Herbert.....	A. B....	Fresh.....	Nelsonville
Callison, Lester Meek.....	A. B....	Fresh.....	Calvin, W. Va.
Calvin, Harley Earl.....	Eng.....	Soph.....	Hamden
Cameron, Arthur Edward....	Music.....		Athens
Campbell, Florence Katherine	Com'l.....		Athens
Carpenter, Alfred Hadley....	A. B....	Jun.....	Glouster
Carpenter, Edith Marie.....	Com'l.....	Soph.....	Athens
Carr, Marie.....	Com'l.....		Athens
Carroll, Anna Elnor.....	A. B....	Jun.....	Bellaire
Carter, Ludlow Ray.....	A. B....	Fresh.....	Gallipolis
Caruthers, Teresa Lorraine..	A. B....	Soph.....	Middleport

Name	Course	Rank	Address
Cassady, Everett Sidney	A. B.	Fresh	Belpre
Causley, Mayola Herriff	Com'l		Cleveland
Chamberlain, Willard Jason	Com'l	Soph	Milledgeville
Chandler, Frances Adelaide	A. B.	Fresh	Athens
Chandler, Jane Hammond	Music		Athens
Chandler, Mary Hammond	A. B.	Soph	Athens
Chang, Ju Shen	A. B.	Soph	Chekeieg, China
Chapman, Ernestine Carnal	Music		Wilkesville
Chapman, George Lawrence	A. B.	Soph	Zanesville
Chase, Lowell Henry	Eng.	Fresh	Albany
Chen, Shon Jen	A. B.	Soph	Canton, China
Cherrington, Edith Mabel	A. B.	Sen.	Athens
Christman, Eva Leo	Music		Athens
Christman, John Carrington	Eng.	Fresh	Waterville
Chu, Tsowa	Special		Canton, China
Chubb, Catherine Downer	A. B.	Fresh	Athens
Chubb, Ida Maude	Special		Corning, Iowa
Clark, Carl	Music		Athens
Clements, Rudy Allen	Eng.	Fresh	Van Buren
Clendenin, William Everett	Eng.	Fresh	Athens
Cline, Hazael Blanche	A. B.	Soph	Albany
Cole, Clarence Edison	A. B.	Sen.	Hartville
Cole, Fern Lelah	A. B.	Sen.	Hartville
Coleman, Frances White	Com'l		Athens
Collins, Ruth Chandler	Music		Columbus
Conaway, Willard Green	A. B.	Sen.	Ridgway, Pa.
Connely, Margaret Wylie	A. B.	Fresh	Steubenville
Cooksey, Helen Van Clief	Com'l	Fresh	Athens
Cookson, Thomas J.	A. B.	Soph	Athens
Cooley, John Milton	Special		Nelsonville
Cooley, Merrill Finley	A. B.	Jun.	East Liverpool
Cooley, William Leonard	Com'l		Nelsonville
Coombs, Lucile	Com'l	Soph	Troy
Cooper, Gilbert Floyd	A. B.	Sen.	McConnelsville
Copeland, Nelle Elizabeth	A. B.	Sen.	Athens
Copeland, Wm. Franklin, Jr.	Com'l	Soph	Athens
Cotner, Robert Arthur	A. B.	Fresh	Athens
Couyumdjopoulos, Constan-			
tine J.	Eng.	Soph	Beni Souef, Egypt
Cox, Garnett Leggett	A. B.	Soph	Coshocton
Crawford, John Harry	Eng.	Fresh	Canaanville
Cronacher, Henrietta Violet	A. B.	Sen.	Ironton
Cuckler, Kathryn Eunice	Music		Athens
Cupp, Luther Allen	A. B.	Fresh	Chillicothe
Curtis, Mary Lucile	A. B.	Fresh	Amesville
Dains, Evalina	Music		Athens
Dais, Katherine	Music		Athens

Name	Course	Rank	Address
Davidson, Ralph Edwin	Music		Athens
Davis, Clara	Com'l		Athens
Davis, Daniel	Eng.	Soph.	Athens
Davis, Margaret	A. B.	Soph.	Athens
Davis, Ruth Myers	Music		Athens
De Long, Guy William	Eng.	Soph.	Barnesville
Dearth, Ethel Marie	Music		Athens
Dew, Frank Wheeler	Music		Athens
Dew, Margaret Jeannette	Music		Athens
Dilcher, Charles Albert	Com'l		Nelsonville
Doernenburg, Elsie	Music		Athens
Dougan, Virgil Curtis	A. B.	Fresh.	Malta
Du Hadway, Eva Elizabeth	Com'l	Soph.	Utica
Dupuy, Henrietta Deonna	A. B.	Fresh.	Portsmouth
Eakin, Charles Thornton	A. B.	Sen.	Negley
Eccles, Henry H.	A. B.	Sen.	Athens
Eli, Mun Look	A. B.	Fresh.	Oakland, Calif.
Elson, Winfred Paul	A. B.	Sen.	Athens
Emde, John Martin	Eng.	Fresh.	Sugar Grove
Englehart, Walter Stewart	Eng.	Soph.	Mt. Vernon
Esch, Eirine Eliza	A. B.	Soph.	Huron
Espy, Raymond Henry	A. B.	Fresh.	Rosewood
Evans, Edith Gwendolyn	A. B.	Fresh.	Athens
Eves, Edward Holt	Special		Athens
Ewing, Clara Pauline	A. B.	Soph.	Bellaire
Fagan, Fanny Lucile	Com'l		Athens
Falloon, Helen Worth	Music		Athens
Falloon, James Hugh	A. B.	Fresh.	Falls City, Nebr.
Fenzel, William Henry	A. B.	Jun	Athens
Finsterwald, Edwin Sayre	A. B.	Soph.	Athens
Finsterwald, Russell Weihr	A. B.	Soph.	Athens
Fisher, Charles Richard	A. B.	Jun	Athens
Flegal, Jacob Carl	Com'l	Soph.	Chillicothe
Flesher, Vashti Pauline	A. B.	Jun	Middleport
Fletcher, Mary Ella	A. B.	Soph.	Athens
Foley, Louis Haynes	A. B.	Sen.	Zanesville
Ford, Lydia Mae	Com'l		Athens
Forsyth, Florance D., Ph. B.	Music		Athens
Fought, Julia May	Com'l		Athens
Foutch, Lena Elizabeth	Special		Athens
Frame, Howard Morrill	A. B.	Soph.	Coolville
Francis, Arthur James	A. B.	Fresh.	Norwalk
French, Willis Lewis	A. B.	Soph.	Washington, C. H.
Frost, Loah Lucile	B. S.		Marietta
Gahm, Jacob Harold	A. B.	Fresh.	Jackson
Gandee, Wilbert Dale	A. B.	Fresh.	Athens
Geach, Edith Claire	A. B.	Sen.	Granville
Geib, Arleigh Lloyd	A. B.	Fresh.	Middlebranch

Name	Course	Rank	Address
Geib, Lorena.....	A. B.....	Soph.....	Middlebranch
Gettles, Alice Hazel.....	A. B.....	Soph.....	Frankfort
Gillen, Harold William.....	A. B.....	Soph.....	Wellston
Gillen, Roy John	A. B.....	Sen.....	Wellston
Gillilan, Anna Pearl.....	A. B.....	Soph.....	Salt Lake City, Utah
Ginnan, Marie Elizabeth.....	Com'l.....		Athens
Goddard, Fred Benoni.....	A. B.....	Sen.....	Cutler
Goddard, Harry Hull.....	A. B.....	Fresh.....	Cutler
Goddard, John Rodney.....	A. B.....	Soph.....	Amesville
Gorsuch, Mary Ruth.....	A. B.....	Fresh.....	Pomeroy
Graf, Walter William.....	Eng.....	Fresh.....	Lancaster
Graham, George Naylor	A. B.....	Fresh.....	West Union
Graham, Hazel Frances.....	Com'l.....	Soph.....	Athens
Greenlee, Charles Theodore.....	Eng.....	Fresh.....	Uhrichsville
Grethen, John Peter.....	A. B.....	Jun.....	Cohoes, N. Y.
Grether, Lewis Elroy.....	A. B.....	Soph.....	Cleveland
Griffin, Homer Glenn.....	A. B.....	Fresh.....	Sherodsville
Gullette, Cameron Charles.....	A. B.....	Fresh.....	Athens
Hackett, Mary Patton.....	A. B.....	Sen.....	Jewett
Hahn, Ralph.....	Eng.....	Soph.....	Berlin Heights
Hall, William Loring.....	A. B.....	Sen.....	Athens
Hammond, Fay.....	A. B.....	Fresh.....	Nelsonville
Hanely, Chester Franklin.....	A. B.....	Soph.....	Stony Ridge
Hanna, Maybelle Lenore.....	Music.....		Chardon
Hansen, Frank Frederick.....	A. B.....	Soph.....	Walbridge
Harper, Walter Jean	A. B.....	Sen.....	Monday
Hart, Frederick Glenn.....	A. B.....	Jun.....	New London
Hartford, Edward Elmer	Eng.....	Fresh.....	Toronto
Hastings, Stanley Miller	A. B.....	Sen.....	Zanesville
Hatch, Alva Gilbert.....	Com'l.....	Fresh	Croton
Hauschildt, Katherine.....	A. B.....	Sen.....	Piqua
Hawkins, Douglas McWilliams.....	A. B.....	Fresh.....	Stockport
Hendershott, Howard Ernest.....	A. B.....	Fresh.....	Canton
Hendrickson, Mark Clayton.....	Eng.....	Soph.....	Norwalk
Henry, Alice Minerva.....	A. B.....	Fresh.....	Athens
Henry, Chloe Elizabeth.....	A. B.....	Soph.....	Junction City
Henry, Doris.....	Music.....		Athens
Henry, Lucile Rebecca.....	A. B.....	Jun.....	Athens
Herrold, Rose Ella.....	A. B.....	Sen.....	Nelsonville
Herrold, Russell Phillips.....	A. B.....	Jun.....	Athens
Heskett, Harrison Allison.....	A. B.....	Sen.....	Bethesda
Hibbard, Edwin McCune.....	A. B.....	Fresh.....	Athens
Hibbard, William Donald.....	Music.....		Athens
Higgins, Leight Monroe.....	A. B.....	Soph.....	Athens
Higgins, Rachel Jennings.....	A. B.....	Soph.....	Zanesville
Hill, Clyde Gilman.....	Com'l.....	Soph.....	Wheeling, W. Va.
Hill, Gail H	A. B.....	Fresh.....	Findlay

Name	Course	Rank	Address
Hixson, Elizabeth Jeannette	Com'l		Chauncey
Hoffmeister, Alex. C. M.	A. B.	Sen.	Athens
Hoisington, Harland William	A. B.	Soph.	Amesville
Holden, Harry	A. B.	Fresh.	Bethesda
Holley, Walter Scott	A. B.	Fresh	Hamlin, W. Va.
Hoodlet, Charles Stuart	A. B.	Fresh	Nelsonville
Hopkins, Homer Smith	A. B.	Sen.	Marengo
Horn, Albert Henry	Eng	Soph	Monroeville
Hover, John McCoy	Eng	Soph	New Wilmington, Pa.
Howard, Clarence Edward	A. B.	Fresh	Athens
Howard, Mildred Anna	Music	Fresh	Trimble
Howard, Vertis Elizabeth	Com'l		Athens
Howe, Mary Ellen	A. B.	Jun	Troy
Hudson, Chester Arthur	Special		Lima
Huffman, David Clark	Eng	Fresh	Akron
Hughes, Milton De La Haye	A. B. Com'l		Athens
Huls, Mabel Lena	Com'l	Fresh	Athens
Hunnicutt, William Clarence	A. B.	Jun	Zanesville
Hunt, Johnston Hickson	A. B.	Soph.	Somerset
Hussey, Cyril Christopher	A. B.	Sen	Sidney
Jackson, Homer Burton	Com'l	Soph.	Columbia City, Ind.
Jackson, Katherine	Music		Athens
Jackson, Ole Cleveland	A. B.	Jun	Woodsfield
Jacoby, Marvella Juanita	Music		Canaanville
Jennings, Glenn	A. B.	Fresh	Fitchville
Jewett, Joseph Everett	A. B.	Soph.	Malta
Johnson, Bernard David	A. B.	Jun	McConnelsville
Johnson, Eva May	Music		Athens
Johnson, John Edwin	A. B.	Fresh	Nelsonville
Johnston, Mayme Virginia	Music		Waverly
Jones, William Dale	A. B.	Soph	Athens
Junod, Grace Marie, Ph. B.	Special		Athens
Kahler, George Rannells	Special		Athens
Kelly, Etta	Com'l	Soph.	St. Marys
Kelly, Helen	Com'l	Soph.	St. Marys
Kelly, Wendel	A. B.	Fresh	Nelsonville
Kendall, Gilbert Lloyd	Eng	Fresh	Portsmouth
Kendall, Richard Stockham	Eng	Fresh	Portsmouth
Kennedy, Ada E.	Special		New Marshfield
Kerr, Alexander Charles	A. B.	Jun	Beverly
Kerr, Mary Helen	A. B.	Soph.	Beverly
Kilpatrick, Hazel Jane	Special		Valencia, Pa.
Kimble, Jennie Leon	Com'l		Wellston
Kimes, Blair Reed	A. B.	Soph	Belpre
King, Alice Lorena	A. B.	Fresh	Warren
King, Edward Riley	B. S.		Creola
King, James Robertson	Eng	Soph.	Clyde
Knight, James Dawson	Com'l	Fresh	Nelsonville

Name	Course	Rank	Address
Knight, Oscar Allen.....	A. B.	Jun.	Athens
Knisely, Omar Ashton.....	Eng.	Soph.	Bainbridge
Koenig, Norma Anna.....	Music		Murray
Krieg, Leland Irving.....	Eng.	Soph.	Nelsonville
Langsdon, Walter Ralph.....	Eng.	Soph.	Mendon
Lash, Greta Alecia.....	A. B.	Soph.	Athens
Law, Christine Elizabeth.....	A. B.	Sen.	Chauncey
Lawrence, Arthur Elbert.....	A. B.	Soph.	Coolville
Le Roy, Bernard Reamy, Jr.....	A. B.	Sen.	Athens
Le Roy, Frank Coats.....	A. B.	Fresh.	Athens
Leech, Mary Alice.....	A. B.	Sen.	Los Angeles, Calif.
Leete, Constance Grosvenor.....	A. B.	Soph.	Athens
Liggett, Clarence Carr.....	A. B.	Jun.	Athens
Liggett, Nellie Beatrice.....	A. B.	Fresh.	Leesville
Lim, Wee Kim.....	A. B.	Soph.	Bencoolen, Sumatra
Lineburg, Jesse Bruce.....	A. B.	Sen.	Strasburg, Va.
Logan, Edward Wilson.....	Eng.	Soph.	Athens
Logan, John Arthur.....	A. B.	Fresh.	Athens
Long, Louis John.....	A. B.	Jun.	Ceredo, W. Va.
Lonsinger, Celia.....	A. B.	Fresh.	Walhonding
Lott, Helen Flowers.....	Music		Columbus
Lott, Herman, Jr.....	Eng.	Fresh.	Minas Geraes, Brazil
Love, Arthur Albert.....	Com'l.	Soph.	Nelsonville
Lummis, Jacob Chauncey.....	Eng.	Fresh.	Hot Springs, S. Dak.
Lutes, Olin Silas.....	A. B.	Sen.	Coal Center, Pa.
Lynn, Wallace Leroy.....	A. B.	Fresh.	Clintonville, Pa.
McBee, Earl Edgar.....	A. B.	Jun.	Athens
McCarty, Floyd.....	Music		Glouster
McCauley, Nelle.....	Music	Fresh.	Sutton, W. Va.
McCleery, Walter Scott.....	A. B.	Fresh.	Lancaster
McConnell, Gilbert Franklin.....	A. B.	Jun.	Gnadenhutzen
McCreary, Melvin Leslie.....	A. B.	Fresh.	Freeport
McDougall, Gilbert Woodworth.....	Eng.	Soph.	Athens
McGinniss, Robert Daniel.....	A. B.	Jun.	Zanesville
McGowan, Helen Catherine.....	Music		Athens
McKay, Helen.....	Music		Milledgeville
McKee, Grosvenor Stewart.....	Eng.	Soph.	Athens
McKee, Ross Hamilton.....	Eng.	Soph.	West Carlisle
McKibben, Clovis Little.....	Eng.	Fresh.	Wilkesville
McLeod, Constance Truman,	A. B.		Wyoming
McReynolds, Wilbur Reece.....	A. B.	Sen.	Columbus
McVay, Charles Don.....	A. B.	Sen.	Athens
Mann, Karl Burr.....	Eng.	Soph.	Clyde
Mann, Margaret Mercein.....	A. B.	Fresh.	Athens
Mann, Samuel David.....	A. B.	Sen.	Athens
Mardis, Harold Carson.....	A. B.	Soph.	Athens

Name	Course	Rank	Address
Mariner, Daisy Belle.....	Com'l.....		Athens
Marquis, Carrie Edith.....	Music.....		Athens
Martin, Gertrude Mae.....	Com'l.....		Albany
Martin, Peter Elwyn.....	A. B.	Fresh.....	Worthington
Mast, Cora Elma.....	A. B.	Sen.....	Zanesville
Mercer, Gladys Lucile.....	A. B.	Soph.....	Gambier
Merkle, Robert.....	A. B.	Soph.....	Bourneville
Merwin, Addie Tullis.....	Music.....		Athens
Merwin, Margaret Blanche.....	Music.....		Athens
Miller, Albert Edward.....	A. B.	Soph.....	East Liverpool
Miller, Fletcher McCoy.....	A. B.	Sen.....	Athens
Millikan, Agnes Dyson B.....	Music.....		Athens
Millikan, Donald Beck.....	Music.....		Athens
Mills, Grover Cleveland.....	Com'l.....		Athens
Mills, Lewis Herald.....	A. B.	Jun.....	Athens
Mindigo, Rose Marie.....	A. B.	Soph.....	Corning
Moler, Harley Edwin.....	A. B.	Soph.....	Athens
Moore, Frederick Darrell.....	A. B.	Jun.....	Athens
Moore, Harold Amos.....	A. B.	Sen.....	Danville, Ill.
Moore, Jo Alma.....	A. B.	Soph.....	Athens
Morehead, Howard Franklin.....	Eng.....	Fresh.....	Hamden
Morgan, Thomas Everett.....	A. B.	Fresh.....	Jackson
Morgan, Thomas Wendell.....	Eng.....	Fresh.....	Jackson
Morris, Dana Claire.....	Music.....		Canaanville
Morris, Frank Otto.....	Eng.....	Soph.....	Albany
Morrison, Robert Byron.....	Eng.....	Fresh.....	Zanesville
Morton, Hamilton Emanuel.....	Eng.....	Soph.....	Newton Falls
Morton, Rosa Creta.....	Music.....		Jacksonville
Motz, Lester Le Roy.....	Eng.....	Soph.....	Brice
Murch, James DeForest.....	A. B.	Sen.....	Athens
Nader, Edna Valentine.....	A. B.	Soph.....	New Lexington
Neff, Perry Andrew.....	A. B.	Jun.....	Dayton
Nelson, Leta May.....	Music.....		Nelsonville
Nelson, Marguerite Lucile.....	Music.....		Nelsonville
Nesbitt, Hannah Mary.....	A. B.	Jun.....	Bellaire
Newsome, James Earl.....	A. B.	Fresh.....	Rendville
Nicol, Carlyle Forrest.....	Eng.....		Summit, N. J.
Nixon, John Newton.....	A. B.	Sen.....	Bremen
Norris, Herman Henry.....	A. B.	Fresh.....	Athens
Norris, Lenna Catherine.....	Music.....		Athens
Nusly, Ruth Elizabeth.....	A. B.	Fresh.....	Canton
Nye, Charles Edward.....	A. B.	Jun.....	Athens
O'Rourke, Marie Katherine.....	A. B.	Soph.....	Warren
Oldham, Fred Wilson.....	Eng.....	Soph.....	Bedford
Ott, Harry Wesley.....	A. B.	Soph.....	Frankfort
Pairan, Paul Edward.....	A. B.	Jun.....	Lancaster
Palmer, Horace Dutton.....	A. B.	Soph.....	Athens

Name	Course	Rank	Address
Parfitt, Blanche Ruby	Music	Fresh	Athens
Parker, Edna Lucile	Music		Athens
Parker, May Margaret	Music		Athens
Parker, William Floyd	A. B.	Soph.	Athens
Parks, Florence	A. B.	Fresh	Nelsonville
Parr, Charles Hamilton	Eng.	Fresh	Great Bend
Parry, Anna Gladys	Com'l.		Jackson
Patrick, Ralph Leroy	Eng.	Fresh	Pickerington
Paugh, Charles Thomas	A. B.	Sen.	Athens
Pelley, Mary Vance	A. B.	Sen.	Mingo Junction
Penzickes, Cleanthos Constantine	Eng.	Soph.	Nicosia, Cyprus
Peoples, Helen Foster	Music		Athens
Peoples, Mary Foster	Music		Athens
Perry, Hazel Lucile	A. B.	Soph.	Martins Ferry
Peters, Stewart Harris	Special		Mt. Gilead
Peterson, Carl Theodore	Eng.	Soph.	Lorain
Petros, Edward Joseph	Com'l.		Cleveland
Peugh, Earl Kemper	Eng.	Soph.	Glouster
Phillips, Adda Alderman	Music		Athens
Phillips, Eleanor Primrose	Music		Athens
Phillips, Helen Marie	A. B.	Sen.	Hornell, N. Y.
Pickering, Gertrude Gardner	A. B.	Sen.	Athens
Pickering, James Theodore	A. B.	Sen.	Athens
Pickering, Kenneth Harvey	A. B.	Fresh	Athens
Pierce, John Harley	A. B.	Soph.	Shade
Pilcher, Leroy Washington	Com'l.	Soph.	McArthur
Pilcher, Lois Teresa	A. B.	Sen.	McArthur
Poling, Robert Burton	A. B.	Soph.	Logan
Porter, Allie Goddard	Music		Chauncey
Porter, Julia Elizabeth	Music		Athens
Post, Harriet Grace	A. B.	Sen.	Washington C. H.
Post, Mary Hazel	A. B.	Soph.	Washington C. H.
Powell, Newman Minnich	A. B.	Sen.	Barlow
Power, Everett	A. B.	Fresh	Nelsonville
Preston, Ellen Harkins	Music		Athens
Price, John Henry	A. B.	Fresh	Athens
Pritchard, Charles Gilbert	Com'l.	Fresh	Nelsonville
Rader, Georgia Hattie	Com'l.	Fresh	Pataskala
Rambo, George Jefferson	Music		Jacksonville
Reeves, Wilbur David	Com'l.		Athens
Reichelderfer, Gladys Ruth	A. B.	Sen.	Kingston
Reinoehl, Earl Ralston	Eng.	Soph.	Massillon
Reynolds, Beneva Elizabeth	Music		Nelsonville
Reynolds, Helen	Com'l.	Fresh	Dayton
Rhodes, Clifford John	A. B.	Jun.	Minersville
Richards, Besse Estelle	Music	Fresh	Glouster

Name	Course	Rank	Address
Richardson, Charley Burr	Eng	Fresh	Athens
Richardson, Grace Vida	Music		Athens
Richeson, Mary Grindle	Com'l	Soph	St. Paris
Rickey, Edna	A. B.	Fresh	Athens
Riley, Grace Lillian	Music		Athens
Riley, James Perry	A. B.	Jun	Guysville
Riley, Mildred Ann	Music		Athens
Roach, Bernice Maude	Music		Athens
Roach, Edith Marie	Music		Athens
Roach, Hazel Putnam	A. B.	Soph	Athens
Roberts, Emmett Ephraim	A. B.	Sen	McConnellsville
Roberts, Mabel Ruth	A. B.	Fresh	Middleport
Robinson, Ort Kelso	A. B.	Fresh	De Graff
Rodgers, Emma Wilson	A. B.	Soph	New Lexington
Rodock, Roy Edgar	A. B.	Fresh	Walbonding
Rogers, Lynton Harold	Eng	Soph	Lorain
Romine, Glen Mutchler	Com'l	Soph	Athens
Rosser, Hazel Mae	A. B.	Fresh	Nelsonville
Rossetter, Howard Monroe	A. B.	Jun	Athens
Rothgery, George Albert	Eng	Fresh	Lorain
Roush, Helen Cornell	Music		Athens
Russell, Lewis Walter	Eng	Soph	Luther, Mont.
Rutledge, Ethel Cora	A. B.	Sen	Athens
Rutledge, Grace Lucinda	Music	Fresh	Bergholz
Sakurai, Rinzo M	A. B.	Soph	Tokyo, Japan
Sams, Darrell Hudson	Eng	Fresh	Athens
Sanford, Robert Mason	A. B.	Jun	Defiance
Sayre, Arthur Alan	A. B.	Soph	Athens
Sayre, Edgar Weaver	Eng	Soph	Letart Falls
Schaeffler, Gretchen Amelia	A. B.	Fresh	Athens
Schaeffler, Leo	A. B.	Sen	Athens
Scheer, Nelle C	Music		Zaleski
Schilling, Stewart Earle	A. B.	Fresh	McConnellsville
Schloss, Belle Elizabeth	A. B.	Sen	Athens
Schwab, Dolleno	Special		Wellston
Scott, Cash Leon	A. B.	Fresh	Corning, Ark.
Sebestyen, Andrew	Special		Athens
Secoy, Lauren	Music		Lancaster
Secrest, William Jackson	Eng	Soph	Pleasant City
Seelig, Frederic Charles	A. B.	Jun	Cleveland
Seibel, Elmer Herman	A. B.	Jun	Monroeville
Seldenfelt, Henry Kaiser	A. B.	Fresh	Murray City
Seward, J. Emrie	Eng	Fresh	Athens
Shafer, Lawrence Augustus	A. B.	Soph	Athens
Sharp, Hattie Stiles	Com'l		Athens
Sharp, William Thompson	Eng	Fresh	Cadiz
Shaw, Wayne	A. B.	Fresh	Rising Sun
Shepherd, Pauline Stoodly	A. B.	Fresh	Cleveland

Name	Course	Rank	Address
Sherman, Ray	Com'l	Fresh	Athens
Silcott, Gordon Raymond	A. B.	Jun.	Nelsonville
Simkins, Richard	A. B.	Fresh	Laurelville
Sines, Mabel Alice	Music		Nelsonville
Sinkey, John T.	A. B.	Fresh	Croton
Slaughter, Adria Alice	Music		Athens
Smith, Lena Violet	Music	Fresh	Moundsville, W. Va.
Smith, Patsy	Music		Glouster
Snyder, Atheal Clio	Com'l		Athens
Snyder, Earl Sidney	A. B.	Jun.	Ney
Souder, Ruth Serena	A. B.	Soph.	Athens
Speck, Margaret Jane	A. B.	Fresh	Dennison
Sprague, Allan Dent	A. B.	Fresh	Chauncey
Sprague, Lenore Adalene	A. B.	Fresh	Chauncey
Stalder, Margaret Ullon	Music		Athens
Starr, Everett Murch	Special		Athens
Stewart, John Wendell	Eng.	Soph.	Athens
Stitt, Lydia Isabel	A. B.	Soph.	Rudolph
Stratton, Mae Louise	Music	Fresh	Nelsonville
Strawn, Don Carlos	Eng.	Fresh	Athens
Strode, Rachel Ann	Music		Chesterhill
Stuart, George Washington Jr.	A. B.	Fresh	Nelsonville
Swank, Helen Armacost	Music		Murray
Swanson, Hester Sarelda	Com'l		Athens
Sweeney, Eunice Margaret	Com'l	Fresh	Athens
Swick, William Landon	A. B.	Fresh	Rushville
Sykes, Doris Mary	Music		Athens
Tannahill, Bertha Ann	A. B.	Fresh	Logan
Taylor, Marguerite Grove	A. B.	Soph.	Athens
Tewksbury, Crescent William	Eng.	Soph.	Athens
Thomas, Deborah	Com'l		Crafton, Pa.
Thomas, Hazel Leola	A. B.	Fresh	New Holland
Thomas, John Nelson	Eng.	Soph.	Thurman
Thomas, Susan Mildred	A. B.	Sen.	Portsmouth
Thompson, Carl Vernet	A. B.	Fresh	Malta
Thurlow, Genevieve Baker	A. B.	Soph.	Athens
Thurlow, Greeley Gordon	Eng.	Fresh	Athens
Timms, Ezra Dowd	Eng.	Soph.	Dundas
Tyree, Harold Burdick	A. B.	Sen.	Huntington, W. Va.
Upham, Chester Robert	Eng.		Mt. Vernon
Van Dyke, Gladys Marie	Com'l		Athens
Van Valey, Edwin Glazier	A. B.	Fresh	Walton W. Va.
Verwohlt, Howard William	Eng.	Soph.	Tiltonville
Vianna, Luiz de Lima	A. B.	Jun.	Minas Geraes, Brazil
Wade, Leta Lurene	Com'l		Millfield
Wagner, Mary Emma	A. B.	Sen.	Dennison
Walden, Blanche Leota	A. B.	Jun.	Athens

Name	Course	Rank	Address
Walker, Robert Heiman.....	Eng.....		New Marshfield
Wardlow, Nell L.....	Com'l.....		Winchester
Warner, Florence Isadore.....	Com'l.....	Fresh.....	Sugar Creek
Warner, Mary Estelle.....	A. B.....	Jun.....	Athens
Watkins, Charles.....	Com'l.....		Luhrig
Watkins, Wendell Sprague.....	A. B.....	Fresh.....	Chaunev
Weaver, Helen.....	Music.....		Racine
Webster, Frances Elizabeth.....	Music.....		Athens
Weed, Fred Ozias.....	A. B.....	Fresh.....	Albany
Welday, Sadelle Margaret.....	Com'l.....		Creswell
Wells, Alma Lucile.....	A. B.....	Soph.....	Sharpsburg
Whipple, Byron.....	A. B.....	Fresh.....	McConnellsville
Whiston, Wilbur Harry.....	A. B.....	Sen.....	Bremen
White, William C. Orr.....	A. B.....	Fresh.....	Stockport
Wilder, Alfred James.....	A. B.....	Sen.....	Athens
Wilder, Lilla E. M.....	Music.....		Athens
Wilkes, Inez Grace.....	Music.....		Chadbourne, N. C.
Williams, Gwilym I.....	Eng.....	Soph.....	Glouster
Williams, James Edward.....	A. B.....	Fresh.....	Gnadenhutten
Williams, Mary Margaret.....	Music.....		Athens
Willis, Gertrude.....	Music.....		Nelsonville
Wilson, Harry Clifford.....	A. B.....	Sen.....	Athens
Wilson, Harry Reynolds.....	Eng.....	Soph.....	Dunbar, Pa.
Wilson, Ruth.....	A. B.....	Fresh.....	Athens
Wilson, Thelma Fae.....	A. B.....	Fresh.....	Athens
Wingett, Ruth Barker.....	Com'l.....	Fresh.....	Albany
Wininger, Roscoe J.....	A. B.....	Fresh.....	McCutcheonville
Winings, William Kail.....	A. B.....	Fresh.....	Germano
Winter, Hazel.....	A. B.....	Soph.....	Crooksville
Wood, Austin Vorhes.....	A. B.....	Sen.....	Athens
Wood, Ernest Richard.....	A. B.....	Jun.....	Albany
Wood, Homer Balden.....	A. B.....	Fresh.....	Albany
Worden, Esther Marguerite.....	Special.....		Copley
Wyatt, Bessie Madge.....	Music.....		Athens
Yanit, Margaret.....	Com'l.....	Fresh.....	Hannibal
Yoakem, Howard Haynes.....	A. B.....	Fresh.....	Vigo
Young, Lola Lee.....	Com'l.....		Athens

STATE NORMAL COLLEGE

GRADUATE STUDENTS STUDYING FOR A DEGREE

Comstock, Joseph Hooker, A. B., B. S. in E.....	Athens
Gibson, Elza Goodspeed, Ph. B., B. S. in E.....	Mineral
Lu, Mau Deh, B. S. in E.....	Shantung, China
McVay, Francis Halbert, B. S. in E.....	Athens
Root, Alexander, B.S. in E.....	Athens
Wolcott, Marion, B. S. in E.....	Greenwich

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CLASS OF 1914

Bean, Fannie Cozette.....	Athens
Blumenthal, William Raphael	Cleveland
Cattell, Lurena Marjorie.....	Mt. Pleasant
Crisenberry, Virginia May, A. B.....	Cardington
Everhart, Walter H....	West Lafayette
Fattig, Perry Wilbur, B. S.....	Ithaca, N. Y.
Fishel, Florence Beryl.....	Pleasant City
Frampton, Burl.....	St. Marys
Greisheimer, Essie Maud.....	Chillicothe
Hall, Margaret.....	Proctor, W. Va.
Hanna, Mary Isabel.....	Cadiz
Hewitt, Estella Faye.....	New Marshfield
Hutchins, Florence Estelle, B. S.....	Nelsonville
Knoll, Zella Elizabeth.....	Alliance
Lyle, Albert Francis.....	Shelbyville, Ill.
Lyle, Joseph Wilson.....	Cincinnati
McLaughlin, George Evert.....	Athens
McNaughton, James Edgar.....	South Webster
McPherson, William B.....	Jasper
O'Connor, Gertrude, A. B.....	Stewart
Patterson, Lena Estelle, A. B.....	Athens
Price, Anna Klostermeier.....	Athens
Price, Marie Louise, A. B.....	Athens
Ray, John Watson.....	Oil City, Pa.
Robinson, Anna Elizabeth.....	Newark
Shafer, Samuel Sullivan.....	Athens
Shuman, Mary Ethel.....	Sherodsville
Skinner, Charles Edward.....	Newark
Templer, May.....	Belpre
Thompson, Bert McCune.....	Byesville
Tresham, Jessie May.....	Harrisville, W. Va.
Wiley, Nathaniel.....	Kimball, W. Va.
Wilkes, Ernest Constantine, A. B.....	Athens
Wood, Cary C.....	Goshen

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UNDERGRADUATES

Name	Rank	Address
Acker, Marie Leone	Fresh	Fayette
Adams, Nancy Ruth	Special	Hillsboro
Aiken, Edyth Caroline	Soph	Jewett
Albert, Homer Clark	Fresh	Somerset
Albert, Louise M.	Fresh	Youngstown
Allison, Eliza Maude	Jun.	Toronto
Andrews, Nellie Belle	Fresh	Glouster
Applegate, Vesta	Fresh	Goshen
Arbaugh, Helen Scott	Fresh	Newark
Archer, Angie	Fresh	McConnelsville
Armstrong, Lyman Walter	Sen.	Bellville
Armstrong, Violet Janet	Soph	Laurelville
Aten, Lucile	Fresh	Jackson
Atkisson, Mattie Margaret	Special	Salina, Kans.
Ault, Mary Ruth	Soph.	Franklin Furnace
Axline, Mary Barbara	Fresh	Trinway
Bacon, Isabelle Elizabeth	Soph.	Vernon
Badnell, Ethel Mary	Fresh	Nelsonville
Bagley, Ethel May	Fresh	Nelsonville
Bailey, Laura Belle	Jun.	Athens
Baird, Don Otto	Special	Logan
Baldwin, Gladys	Soph	Swift
Baldwin, Harley Eugene	Sen.	Athens
Ball, Frances Winifred	Fresh	Wellston
Balliett, Nora Belle	Fresh	New Philadelphia
Ballmer, Ula May	Fresh	Lancaster
Barbee, Hazel	Fresh	Logan
Barcroft, Frances	Soph.	Newcomerstown
Barnett, Arthur	Fresh	Fleming
Barnett, Frances Ella	Fresh	Cortland
Barnett, Leonard	Soph.	Fleming
Barrett, Veda Marie	Soph	Barnesville
Barrows, Golda Irene	Soph	Marietta
Bartlett, Alison	Fresh	Mt. Vernon
Basom, Florence Allard	Soph	Athens
Bateman, Grace	Sen	Fredericktown
Battrick Mabel Celestia	Fresh	Williamsfield
Baum, Effie Brown	Soph.	Bourneville
Bauman, Ada	Fresh	Rittman
Bay, Helen Swern	Jun.	Cumberland
Bayley, Annia May	Soph	Elyria
Beatty, Harry T.	Special	Franklin Furnace
Beck, Josephine Leona	Fresh	Napoleon
Beckley, Carrie Ethel	Jun	McArthur
Bell, Ari Mary	Soph	Athens

Name	Rank	Address
Bell, Bruzella Catharine	Fresh	Crooksville
Bell, Coral	Sen.	Bristol
Benecke, Lydia	Fresh	Ridgeville
Benedict, Bess Mae	Soph	Greenwich
Bennett, Jessie Hope	Jun.	Crooksville
Berry, Ethel Alice	Fresh	Barnesville
Biedel, Grace Mayfred	Soph	Watertown
Bienz, Neva Blanche	Fresh	Willshire
Bischoff, Florence Lucille	Fresh	New Carlisle
Bishop, Lena Marie	Soph	North Lewisburg
Bitzer, Harry Leslie	Fresh	Bloomingsburg
Black, Treva	Soph	Athens
Blackwood, Faye Fern	Fresh	Coolville
Boger, Elsie	Fresh	Parkersburg, W. Va.
Bohl, Bessie Lucile	Fresh	Hamersville
Border, Mabel Iva	Fresh	Sidney
Bork, Bertha A.	Fresh	Gibsonburg
Borror, George William	Fresh	Grove City
Bouts, John Harry	Jun.	South Webster
Bowers, Clyde Emerson	Fresh	Albany
Bowers, Edna Marie	Soph	Paulding
Bowers, Florence Mae	Fresh	Lancaster
Boyer, Edna Elizabeth	Soph	Pickerington
Boyer, Faye	Fresh	Sidney
Bracken, Margaret Frances	Soph	Kinsman
Brettell, Elizabeth	Fresh	Mingo Junction
Breyfogle, Myrtle Belle	Soph	Athens
Britton, Jesse Brown	Special	Martinsville
Brohard, Edith Bronson	Special	Coalton
Broomhall, Lula Blanche	Fresh	Somerton
Brough, Gladys Irvin	Fresh	Cadiz
Brough, Kathryn Irene	Fresh	Rocky Ridge
Brown, Florence Marie	Soph	Jackson
Brown, Helen Duval	Soph	New Vienna
Brown, Idabel Ruth	Fresh	Waverly
Brown, Mabel Lucile	Soph	Agosta
Brown, Rose Ora	Soph	Kelley's Island
Brown, Theodora Garnett	Fresh	Roseville
Bruning, Irene Ruth	Fresh	Pemberville
Brunner, Ruth Emily	Fresh	Uhrichsville
Bryson, Lucile Mary	Fresh	Glouster
Buchanan, Elizabeth Phoebe	Special	Woodsfield
Buell, Esther Lavina	Fresh	Croton
Bullock, Helen Mary	Soph	Cadiz
Bunger, Anna Mae	Fresh	Union City, Ind.
Bye, Mary Lenore	Soph	Negley
Calhoon, Mina	Special	New Lexington

Name	Rank	Address
Call, Goldie.....	Fresh.....	New Straitsville
Cameron, Olive Lucile.....	Fresh.....	Athens
Campbell, Edith.....	Fresh.....	North Baltimore
Campbell, Gertrude Chloe.....	Special.....	Bloomingsburg
Carnahan, Fannie Elizabeth.....	Jun.....	Dayton
Carr, Joseph Clyde.....	Fresh.....	Stockport
Carter, Ethel Marie.....	Soph.....	Nelsonville
Case, Mary Helen.....	Fresh.....	Lockwood
Cassell, Anna Mae.....	Fresh.....	McArthur
Caster, Lovina.....	Special.....	Carpenter
Cavanaugh, Catherine.....	Fresh.....	Canton
Cherrington, Alta Blanche.....	Fresh.....	New Straitsville
Christman, Frank Joseph.....	Special.....	Athens
Christman, Gladys Fantine.....	Soph.....	Waterville
Christman, Jacob Branch.....	Special.....	Athens
Clark, Florence Mildred.....	Fresh.....	Sugar Grove
Clark, Mary Evangeline.....	Soph.....	Cadiz
Clem, Isabel.....	Soph.....	Newark
Clemans, Esther.....	Fresh.....	South Charleston
Clifford, Isabelle Ethel.....	Soph.....	Cadiz
Cline, Mamie Eula.....	Fresh.....	Quaker City
Clohs, Cora May.....	Sen.....	Marietta
Coe, Alta Mildred.....	Fresh.....	Albany
Coe, Mabel Mae.....	Soph.....	Albany
Cole, Gladys Blanche.....	Soph.....	Hartville
Coleman, Ina.....	Fresh.....	Athens
Coleman, Mabel Bertine.....	Soph.....	Athens
Coles, Helen Alice.....	Fresh.....	Jackson
Collard, Bernice.....	Fresh.....	Coalton
Collins, Anastasia.....	Soph.....	Athens
Collins, Mary Jane.....	Soph.....	Washington C. H.
Connell, Henry Brice.....	Fresh.....	Mt. Sterling
Cook, Jessie.....	Fresh.....	Bloomingsburg
Cooley, May Lucile.....	Fresh.....	Manchester
Cooper, Edna Catherine.....	Soph.....	Youngstown
Copeland, Nancy Louisa.....	Soph.....	Cadiz
Corner, Dayton Orrin.....	Jun.....	Waterford
Corwin, Elma Rebecca.....	Soph.....	Lancaster
Cotterman, Homer Ray.....	Fresh.....	Glenford
Coultrap, Anna Marie.....	Soph.....	McArthur
Cox, Mary.....	Fresh.....	Toronto
Cox, Stanley Donald.....	Fresh.....	New Concord
Crawford, Flo.....	Fresh.....	Fredericktown
Crile, Helen Hoetler.....	Soph.....	Fresno
Cronin, Helena Mabel.....	Fresh.....	Graysville
Crooks, Hazel Marie.....	Soph.....	Grove City
Cross, Bonnie Prudence.....	Jun.....	North Baltimore

Name	Rank	Address
Cryder, Maude Ethel.....	Fresh.....	Athens
Cuckler, Dicie Enita.....	Soph.....	Athens
Cullum, Opal Wilma.....	Special.....	Nelsonville
Cunningham, Mabel Keturah.....	Soph.....	Steubenville
Cupp, Dorothy.....	Special.....	Chillicothe
Curry, Bess Todd.....	Soph.....	Columbus
Danford, Gladys Allen.....	Sen.....	Glouster
Danford, Merle Elizabeth.....	Soph.....	Trimble
Danner, Dorothy Townsend.....	Fresh.....	Minerva
Davidson, Bess Arcada.....	Special.....	Sabina
Davidson, Bess Arcada.....	Soph.....	Summerfield
Davis, Ada.....	Special.....	Coalton
De Graft, Glenn Morgan.....	Soph.....	Bradner
De Vore, Mary Mildred.....	Fresh.....	Nelsonville
De Witt, Anna Evelyn.....	Fresh.....	Amlin
Dempsey, Luella Ruth.....	Fresh.....	Wellston
Dennis, Mollie.....	Fresh.....	Clarksburg
Dickerson, Viva, Ph. B.....	Special.....	Jersey
Dickson, Bessie Bell.....	Special.....	Athens
Dillon, Clarence Bertram.....	Special.....	Franklin Furnace
Dillon, Elizabeth F.....	Special.....	Franklin Furnace
Dinsmoor, Constance Faye.....	Soph.....	Shade
Dinsmoor, Frieda.....	Fresh.....	Shade
Dixon, Mildred.....	Fresh.....	Vigo
Dixon, Verna Elizabeth.....	Fresh.....	Coalton
Dodds, Marie Louise.....	Soph.....	Cleveland
Dole, Grace Rebecca.....	Fresh.....	Uhrichsville
Dole, Una Mae.....	Fresh.....	East Orwell
Dornan, Edith.....	Fresh.....	Marietta
Downing, Walter Andrew.....	Fresh.....	New Madison
Dozer, Mary Jane.....	Fresh.....	Philo
Drake, Goldie Jean.....	Soph.....	Athens
Drake, Kathryn Eileen.....	Fresh.....	Manchester
Duncan, Helen Evelyn.....	Soph.....	Chicago Junction
Dunn, William Ross.....	Special.....	Ripley
Durigg, Jacob Lee.....	Special.....	Armstrongs Mills
Durkee, Alice Lizbeth.....	Fresh.....	Conneaut
Durkee, William Henry.....	Special.....	Wilkesville
Eagles, Jean Ethel.....	Fresh.....	Conneaut
Eaton, Charlotte Mercedes.....	Soph.....	Circleville
Ebersbach, Alice Louise.....	Soph.....	Pomeroy
Ebersbach, Florence Josephine.....	Fresh.....	Pomeroy
Eddy, Mildred Arline.....	Soph.....	Athens
Ellis, Goldie Mae.....	Soph.....	New Vienna
Ellis, Grace Kathryn.....	Fresh.....	Manchester
Ellis, Hollie Clifford.....	Fresh.....	New Vienna
Emery, Annetta Fay.....	Soph.....	Newark

Name	Rank	Address
Emmons, John E.....	Special.....	Bethel
Emsweiler, Harold W.....	Special.....	Utica
England, Osie.....	Fresh.....	Chillicothe
Entsminger, Elsie.....	Soph.....	Middleport
Evans, Anna Louise.....	Fresh.....	Portsmouth
Evans, Myrle.....	Fresh.....	New Straitsville
Everett, Stella Mae.....	Jun.....	Larue
Ewers, Lela Arminda.....	Jun.....	Fredericktown
Eyman, Florence Long.....	Fresh.....	Lancaster
Fackler, Lottie.....	Special.....	Chicago Junction
Fawcett, Shirley Minerva.....	Soph.....	Wellsville
Featherstone, Thomas Arlow.....	Fresh.....	Stewart
Fell, Elsie May.....	Fresh.....	Crooksville
Ferrell, Erma Olive.....	Fresh.....	Bellaire
Feth, Freda Henrietta.....	Fresh.....	Athens
Finsterwald, Nelle.....	Soph.....	Athens
Fish, Bernice Firth.....	Fresh.....	Troy
Fish, Gladys Blanche.....	Fresh.....	Fayette
Fisher, Mary Etta.....	Fresh.....	Payne
Fiske, Mabel Claire.....	Fresh.....	Nelsonville
Fitzgerald, Agnes.....	Jun.....	Anna
Fleming, Samuel Edwin.....	Special.....	West Union
Flowers, Edna Lenore.....	Fresh.....	Waterford
Floyd, Clara Mae.....	Soph.....	Lancaster
Floyd, Homer Samuel.....	Sen.....	Athens
Fluke, Edna Lucile.....	Fresh.....	Nankin
Flynn, Rhea Kirby.....	Soph.....	New Philadelphia
Foucht, Urban R.....	Fresh.....	Glenford
Foughty, Clara.....	Fresh.....	Nelsonville
Foutch, Viola Frances.....	Soph.....	Athens
Fouts, Ida Irene.....	Fresh.....	Stockport
Fox, Marguerite Josephine.....	Fresh.....	Smithfield
Fox, Marie Helen.....	Fresh.....	Smithfield
Frampton, Jay T.....	Special.....	Perryton
French, Cora Elizabeth.....	Soph.....	Dorset
Friedland, Gertrude Marie.....	Fresh.....	Coalton
Fry, Mary Mabel.....	Fresh.....	Fremont
Frye, Lola Belle Chester.....	Soph.....	Athens
Fuller, Roland Andrew.....	Soph.....	Columbus
Fulwider, William Elbert, B. S.....	Special.....	Athens
Gant, Homer F.....	Special.....	Whigville
Garber, Elizabeth Gertrude.....	Jun.....	Bellville
Gardner, Mary Emolyn.....	Fresh.....	Glouster
Gaskill, Pearley.....	Jun.....	Athens
Geyer, Mary Louise.....	Fresh.....	Pomeroy
Gibson, Audrey Mabel.....	Fresh.....	Dayton
Gillette, Edna Elizabeth.....	Fresh.....	Fremont

Name	Rank	Address
Gillilan, Ruth Clare.....	Fresh.....	Salt Lake, Utah
Goddard, Augusta Maria.....	Special.....	Amesville
Goodno, Marguerite.....	Fresh.....	Belpre
Goodspeed, Dee.....	Special.....	Nelsonville
Gotshall, Elizabeth Marie.....	Fresh.....	Jewett
Graf, Mary Alice.....	Fresh.....	Portsmouth
Grafton, Winifred Jaymes.....	Soph.....	Adena
Griffin, Hazel May.....	Soph.....	Alfred
Griffith, Mildred Louise.....	Fresh.....	Mt. Gilead
Grones, Dow Seigel.....	Soph.....	Athens
Grover, Maria Rome.....	Fresh.....	Luhrig
Growdon, Clarence Holmes.....	Fresh.....	Bourneville
Gysan, Anna Marie.....	Special.....	Venice
Haight, Mabel.....	Fresh.....	Goshen
Haines, Frances Henrietta.....	Fresh.....	Zanesville
Hall, Helen Mildred.....	Fresh.....	Nelsonville
Hall, Jesse Charles.....	Fresh.....	Glouster
Halley, Ross.....	Fresh.....	Mercerville
Hamilton, Cleo Katherine	Fresh.....	Marysville
Hamilton, Sarah Edmeston.....	Soph.....	Berlin Heights
Hampton, Roxy May.....	Special.....	Nelsonville
Hanna, Frances Sarah.....	Soph.....	Cadiz
Haptonstall, Eva Alma.....	Fresh.....	Middleport
Hardin, Edith Lucrета.....	Soph.....	Gambier
Hardin, Winifred Daisy.....	Soph.....	Gambier
Harmon, Pearl June.....	Fresh.....	Prairie Depot
Harris, Alice Glenna.....	Soph.....	Bailey, Mich.
Harrod, Esther Lillian.....	Soph.....	South Charleston
Harrod, Florence Ada.....	Soph.....	South Charleston
Hart, Virrel Miles.....	Fresh.....	Cambridge
Hartford, Esther Rachel....	Special.....	East Palestine
Hastings, Carrie Alida.....	Special.....	Fort Recovery
Hatton, Mae.....	Fresh.....	Milford Center
Hayes, Everett Raymond.....	Soph.....	Guysville
Hayes, Winifred.....	Soph.....	Guysville
Hechler, Anna Clara.....	Soph.....	Barnesville
Hemphill, Winona.....	Sen.....	Barberton
Henderson, Florence Lucille.....	Fresh.....	Scio
Henderson, Ivah Jane.....	Fresh.....	Prairie Depot
Henke, Anita Lucile.....	Fresh.....	Athens
Herbert, Kathrynne Anne.....	Soph.....	Cleveland
Herbert, Nell.....	Fresh.....	McComb
Herold, Helen.....	Fresh.....	Jefferson
Hesse, Edna Fern.....	Soph.....	Roseville
Hesse, Myrtle Lucile.....	Soph.....	Roseville
Hesser, Helen Jane.....	Fresh.....	Larue
Heyner, Mildred Clair.....	Soph.....	Cleveland

Name	Rank	Address
Hibbs, Mabel Florence	Fresh.....	Scio
Higbie, Una Dale.....	Special.....	Jenera
Higby, Josephine Sharpe.....	Soph.....	Higby
Hill, Stella M.....	Fresh.....	Dennison
Hite, Mary Ruth.....	Soph.....	Marietta
Hoak, Hazel Claire.....	Special.....	Carbondale
Hoffert, Ruth Florence.....	Soph.....	Bradford
Holden, Majorie Frances, Ph. B.....	Sen.....	Zanesville
Holland, Esther Marie.....	Fresh.....	Cadiz
Hollett, Marie Hartzell.....	Fresh.....	Athens
Holmes, Rachel Juanita.....	Special.....	Carroll
Holmes, Ruth Erla.....	Fresh.....	E. Liverpool
Hoodlet, Dorothy Helen.....	Fresh.....	Nelsonville
Hoover, Eunice Nell.....	Special.....	Black Run
Hoover, Gladys Beatrice.....	Fresh.....	Athens
Hoover, Mary.....	Jun.....	Middlebranch
Hoover, Sylvia.....	Soph.....	Middlebranch
Horton, Irene.....	Special.....	Zaleski
Horton, Merrill Aima.....	Fresh.....	Lockwood
Horton, Minnie Helena.....	Jun.....	Lockwood
Hover, Fred Rex.....	Fresh.....	Harrod
Howard, Gale.....	Fresh.....	Kenton
Howard, Hubert L.....	Fresh.....	Pataskala
Howard, Marea Rosalind.....	Fresh.....	Youngstown
Howell, Gladys Marie.....	Fresh.....	McArthur
Howland, David.....	Special.....	West Union
Huffman, Bruce.....	Special.....	Chesterhill
Huffman, Effie May.....	Fresh.....	Chesterhill
Hufford, Mary Elizabeth.....	Fresh.....	Lancaster
Hughes, Florence Effie.....	Fresh.....	Lancaster
Huls, Ora Mildred.....	Fresh.....	Athens
Humphrey, Christine.....	Fresh.....	Geneva
Humphreys, Agnes Rachel.....	Fresh.....	East Liberty
Hunley, Martha Jane.....	Jun.....	Wilmington
Hunt, Hazel Elizabeth.....	Sen.....	Somerses
Hunt, Helen Elizabeth.....	Sen.....	Warren
Hupp, Florence Mae.....	Fresh.....	Hemlock
Hupp, James Lloyd.....	Soph.....	Hemlock
Hurd, Bertha Opal.....	Soph.....	Laings
Huston, Mildred Elizabeth.....	Fresh.....	Cambridge
Hysell, Althea Fay.....	Fresh.....	Pomeroy
Ickis, Marguerite Gourlay.....	Fresh.....	Adena
Imler, Elsie Ellen.....	Fresh.....	Lancaster
Jackson, Frederick Augustus.....	Soph.....	Woodsfield
James, Margaretta Elizabeth.....	Jun.....	Steubenville
James, Merl Elmo.....	Special.....	Mt. Perry
Johns, Edna May.....	Fresh.....	Mt. Gilead

Name	Rank	Address
Johnson, Angie Gertrude.....	Fresh.....	Richwood
Johnson, Lillian.....	Special.....	Ashville
Johnston, Reed Seth.....	Sen.....	Athens
Jones, Anna Maude.....	Jun.....	Jackson
Jones, Anne Matilda.....	Soph.....	Canton
Jones, Bessie Mae.....	Fresh.....	Nelsonville
Jones, Earl Leslie.....	Sen.....	Nelsonville
Jones, Eunice Ann.....	Fresh.....	Martins Ferry
Jones, Faye.....	Fresh.....	Granville
Jones, Grace Hoyt.....	Fresh.....	Jackson
Jones, John William, A. B.....	Sen.....	Utica, N. Y.
Jones, Ruth Elizabeth.....	Soph.....	South Charleston
Jones, Ruth Klein.....	Fresh.....	Youngstown
Jones, S. Alberta.....	Fresh.....	Youngstown
Justice, Laura Leoti.....	Fresh.....	Beach City
Kampf, Grace.....	Fresh.....	Rockford
Karr, Edna Juliet.....	Jun.....	Kinsman
Kasler, Frederica.....	Fresh.....	Nelsonville
Katzenbach, Edward Lee.....	Fresh.....	Nelsonville
Katzenbach, Lucy Marie.....	Soph.....	Nelsonville
Keely, Edna Rosetta.....	Fresh.....	Lancaster
Kehl, Edwin Deming.....	Special.....	Lower Salem
Kelly, Lu Verne.....	Sen.....	St. Marys
Kelly, Margaret.....	Special.....	St. Marys
Kennedy, Blanche Ruth.....	Fresh.....	Hamden
Kilpatrick, Alta Susan.....	Special.....	Valencia, Pa.
Kilper, Leda Ruth.....	Fresh.....	Greenwich
Kimball, Marjorie.....	Fresh.....	Woodstock
Kimble, Edna Blanche.....	Soph.....	Steubenville
King, Dana M.....	Special.....	Glenford
King, Martha Lee.....	Soph.....	Marietta
Kinsey, Bertha Lee.....	Jun.....	New Philadelphia
Kirkbride, Wanda Marguerite.....	Sen.....	New Matamoras
Klever, Edna Marie.....	Special.....	Bloomingsburg
Knapp, Emma Anna.....	Special.....	Pedro
Knoll, Elsie Leota.....	Jun.....	Alliance
Krapps, Zelma Katherine.....	Sen.....	Athens
Kratt, Barbara Ethel.....	Soph.....	Castalia
Lane, Wilma.....	Soph.....	Cambridge
Lash, Faye Ardelle.....	Soph.....	Athens
Lauth, Jesse Warren.....	Special.....	Russellville
Lavine, Anna Claire.....	Soph.....	Steubenville
Lawless, Emma Clare.....	Fresh.....	Bidwell
Lawton, Anna Mabel.....	Soph.....	Barlow
Lawwill, Nellie Alice.....	Fresh.....	Manchester
Laycock, Grace Doris.....	Fresh.....	Alexandria
Leckrone, Chloe.....	Fresh.....	Chalfants

Name	Rank	Address
Lee, Robert Leslie.....	Fresh.....	Chauncey
Lee, William V.....	Special.....	Nelsonville
Leffler, Ralph Emerson.....	Fresh.....	Coshocton
Lehman, Samuel George.....	Sen.....	Ney
Leifheit, Rose Marie.....	Fresh.....	Pomeroy
Lewis, John Blaine.....	Special.....	Findlay
Lewis, Ralph Milton.....	Special.....	Findlay
Lewis, Sara Stanford.....	Special.....	Ivy, W. Va.
Leydorf, Clara Catherine.....	Soph.....	Perrysburg
Liggett, Laura Fern.....	Soph.....	Leesville
Linscott, Fred O.....	Special.....	Millfield
Linton, Blanche.....	Soph.....	Nelsonville
Linton, Elizabeth.....	Special.....	Nelsonville
Linville, Joshua Carl.....	Jun.....	Junction City
Liston, Eugenia May.....	Special.....	Portsmouth
Little, Esther Ellen.....	Soph.....	Black Run
Lively, Bertha Alwilda.....	Special.....	Albany
Logan, William Henry.....	Soph.....	Athens
Loney, Leota Salena.....	Fresh.....	Mt. Vernon
Long, Bernice Olive.....	Soph.....	Mt. Vernon
Long, Blanche Lois.....	Soph.....	Mt. Vernon
Long, Mary Carmichael.....	Fresh.....	New Straitsville
Longstaff, Bertha Marguerite.....	Fresh.....	Nelsonville
Loofbourrow, Christine Marie.....	Fresh.....	Mt. Sterling
Loomis, Ramona Belle.....	Fresh.....	Saginaw, Mich.
Lorey, Gertrude.....	Fresh.....	Mt. Vernon
Lortz, Jessie Hazel.....	Soph.....	Amesville
Love, Sigrid Annetta.....	Fresh.....	Nelsonville
Luntz, Nelle Marie.....	Sen.....	Steubenville
Lutz, Estella Hester.....	Fresh.....	Amanda
Lynch, Verne Haddow.....	Special.....	Fleming
Lyons, Alena Erdman.....	Fresh.....	McArthur
McAfee, Sarah Elizabeth.....	Jun.....	Portsmouth
McAuslan, Frances May.....	Sen.....	East Hampton, Mass.
McCarroll, Gertrude Rose.....	Soph.....	Steubenville
McCleery, Florence Mae.....	Fresh.....	Basil
McClellan, Cecile Laverne.....	Special.....	Findlay
McClelland, Mary Belle.....	Fresh.....	Cumberland
McClure, Harriet Clendenin.....	Special.....	Allensville
McClure, Oscar Earl.....	Special.....	Cherry Fork
McCorley, Ethel Mae.....	Fresh.....	Rio Grande
McCormick, Jesta Nelle.....	Soph.....	Athens
McCormick, Rosemary.....	Fresh.....	Mt. Gilead
McCulloch, Josephine Eugenia.....	Fresh.....	Fremont
McCumber, Esta Mae.....	Fresh.....	Pomeroy
McFarland, Christina Isabel.....	Soph.....	Warren
McGrath, Margaret.....	Fresh.....	Nelsonville

Name	Rank	Address
McGugin, Julia Merle.....	Jun.....	Mt. Vernon
McKelvey, Augusta Bess.....	Soph.....	Fredericksburg
McKelvey, Octa Zitella.....	Fresh.....	Belmont
McKelvey, Raymond Pancoast.....	Fresh.....	Belmont
McKelvey, Verna Margaret.....	Fresh.....	Warnock
McLaughlin George Ephraim.....	Fresh.....	Wilkesville
McMullen, Edith M.....	Soph.....	Barnesville
McNeal, Mary Olive.....	Soph.....	Waterford
McPhail, Margaret Elizabeth.....	Fresh.....	East Liverpool
McVey, William Estus.....	Fresh.....	Athens
Mackoy, Bess Louise.....	Fresh.....	Wheelersburg
Magrew, Pearl Burnham.....	Soph.....	Magrew
Maier, Gertrude.....	Fresh.....	Zanesville
Manning, Ethel.....	Fresh.....	Covington
Mariner, Genevieve.....	Soph.....	Youngstown
Marquis, Carroll Basil.....	Fresh.....	Amesville
Marshall, William Brandt.....	Fresh.....	Lancaster
Martin, Roscoe Everett.....	Soph.....	Sardinia
Martyn, Mary Ruth.....	Soph.....	Cleveland
Marvin, Genevieve.....	Special.....	Findlay
Mason, Bertha Laree.....	Fresh.....	Hicksville
Mason, Hazel.....	Fresh.....	Corning
Mathias, Anthony Ottis.....	Fresh.....	Athens
May, Alice Ramsey.....	Fresh.....	Athens
Maynard, May Louise.....	Soph.....	Lima
Maze, Esther Gertrude.....	Soph.....	Nelsonville
Merrell, Lucia Ellen.....	Special.....	Andover
Merrin, Mary Struble.....	Fresh.....	Mt. Vernon
Metcalf, James Henry.....	Jun.....	Millersburg
Middleton, Genevieve Virginia.....	Soph.....	Middleport
Miles, Mary Katherine.....	Special.....	Belmont
Miller, Frances Mary.....	Soph.....	Kelley's Island
Miller, Irene Mary.....	Jun.....	Green Springs
Miller, Nellie Blanche.....	Soph.....	Baltimore
Miller, Ruby Rebecca.....	Fresh.....	Lancaster
Moffitt, Lulu Faye.....	Fresh.....	Mt. Vernon
Moore, Ila Winifred.....	Fresh.....	Atlanta
Moore, Irvie Meechem.....	Fresh.....	Vincent
Morris, Harry Lee.....	Fresh.....	Mt. Sterling
Morris, Helen.....	Soph.....	Cutler
Morris, Nellie Abigail.....	Soph.....	Magrew
Morrison, Ora Irene.....	Fresh.....	Athens
Moskoffian, John Gregory.....	Sen.....	Sivas, Armenia
Munn, Florence Doris.....	Fresh.....	Stewart
Murphy, Ella Cecelia.....	Special.....	Nelsonville
Murphy, Margaret Elizabeth.....	Fresh.....	Nelsonville
Musser, Mabel Grace.....	Fresh.....	Athens

Name	Rank	Address
Myers, Ethel	Soph.....	Green Springs
Myers, Mary Gladys.....	Fresh.....	Baltimore
Naylor, Lucile.....	Soph.....	Malta
Neer, Francina.....	Soph.....	Forgy
Nelson, Florence Elizabeth.....	Soph.....	Athens
Nelson, Mary Emeline.....	Fresh.....	Bellaire
Nesbit, John Elliott.....	Soph.....	Manchester
Newberry, Hawley De Witt.....	Fresh.....	Corning
Nicholson, Dwight Rogers.....	Fresh.....	Byesville
Nihart, Cora Stuller.....	Special.....	Edgerton
Nisely, Ellen Marie.....	Fresh.....	Selden
Nutt, Helen Alma.....	Fresh.....	Chardon
O'Connor, Anna.....	Special.....	Athens
Ohl, Marae Elizabeth.....	Special.....	Hartford
Orr, Esther Elizabeth.....	Soph.....	Xenia
Pace, Juanita Marie.....	Soph.....	Roseville
Park, Mary Edith.....	Soph.....	Warren
Parker, Adeline Davis.....	Fresh.....	Rutland
Parlette, Ruth.....	Fresh.....	Chicago, Ill.
Parry, Lulu Marie.....	Fresh..	Nelsonville
Patterson, Carrie Vyde.....	Special.....	Wellston
Patterson, Gladys Genevieve.....	Soph.....	Wellston
Patterson, Violet Jane.....	Fresh.....	New Philadelphia
Patton, Anna Mae.....	Fresh.....	New Straitsville
Patton, Waite McKee.....	Special.....	Trinway
Pearce, Clarence Spence.....	Jun.....	Hillsboro
Pearce, Lois Gail.....	Soph.....	McArthur
Pease, Carrie De Ette	Soph.....	Wellington
Pemberton, Letha Zane.....	Fresh.....	Roseville
Peregoy, Emma Genevieve.....	Fresh.....	Zanesville
Person, Everett J.....	Special.....	Long Bottom
Pettay, Ward English.....	Special.....	Scio
Petty, Blanche.....	Soph.....	Rockland
Petty, Gladys.....	Fresh.....	Rockland
Phelps, Nelle.....	Special.....	Cleveland
Phillips, Mary Leah.....	Soph.....	Athens
Phoenix, Bessie Violet	Fresh.....	Oberlin
Piatt, Cora Winona.....	Fresh.....	Manchester
Pickett, Helen Emma.....	Jun.....	Athens
Pilcher, Ada Rebecca.....	Jun.....	McArthur
Pinkerton, Mabel Elizabeth.....	Fresh	Bloomingsburg
Pipes, Maybelle Forest.....	Soph.....	Fulton
Pittinger, Margaret Grace.....	Soph.....	Toronto
Polk, Julia Mooreman.....	Jun.....	New Vienna
Porter, Anna Laura.....	Sen.....	Plattsburg
Porter, Frances Hannah.....	Special.....	McConnelsville
Potts, Carl Grady.....	Sen.....	Athens

Name	Rank	Address
Potts, Clarence McNatt.....	Fresh.....	Athens
Potts, Pearl Lucile.....	Fresh.....	Athens
Powell, Mary Josephine	Fresh.....	Nelsonville
Price, Jennie Lovina.....	Special.....	Athens
Price, Katherine Estella	Special.....	Athens
Price, Nellie Josephine	Fresh.....	Franklin
Pyers, Bessie.....	Jun.....	Athens
Pyers, Grace.....	Jun.....	Athens
Ralston, Bernice Catherine.....	Special.....	Peoria
Ralston, James G.....	Special.....	Utica
Ramage, Georgia Estella.....	Fresh.....	Warnock
Rang, Miriam Viola	Soph.....	Chicago Junction
Rauschenberg, Stella Anna.....	Special.....	Bridgeport
Ream, Albert Lee.....	Fresh.....	Lancaster
Reamy, Florence Marion.....	Fresh.....	Zanesville
Reeb, Estella Marion, Ph. B.....	Sen.....	Wooster
Rees, Harry L.....	Soph.....	Delphos
Rees, Magdalene.....	Fresh.....	Delphos
Reeves, Lulu Beatrice.....	Fresh.....	Albany
Reeves, Mary Elizabeth	Soph.....	New Burlington
Reeves, Olive Marie.....	Special.....	Shade
Regan, Katherine Leona.....	Fresh.....	Wilmington
Reifinger, Helen Elizabeth.....	Soph.....	Youngstown
Remer, Lelia Hermina.....	Fresh.....	Saginaw, Mich.
Reynolds, Helen Marie.....	Fresh.....	Racine
Rice, Rexa Villa	Fresh.....	Stewart
Richards, Nelle.....	Special.....	Glouster
Richeson, Marian Cromwell.....	Jun.....	Athens
Ricketts, Helen	Fresh.....	Sugar Grove
Ridenour, Margaret May	Fresh.....	New Lexington
Rife, Natalie Rebecca.....	Soph	Stoutsville
Rifle, Earl.....	Special.....	West Union
Riggin, Edna Florence.....	Fresh.....	Atlanta
Risdon, Nellie Blanche.....	Soph.....	Steubenville
Ritter, Julia Anna.....	Special.....	Hanging Rock
Robens, Olive Alexander.....	Jun.....	Chagrin Falls
Roberts, Dorothy Lulu.....	Fresh.....	McConnelsville
Roberts, Jessie Marie.....	Special.....	Sidney
Roberts, Louise Virginia	Special...	Parkersburg, W. Va.
Roberts, Olive Jane.....	Soph.....	Sidney
Robinson, Blanche.....	Jun.....	Bidwell
Robinson, Harold Clinton.....	Fresh.....	McComb
Rood, Orrell Louisa.....	Soph.....	Chagrin Falls
Root, Mary Margaret.....	Fresh	Kinsman
Rowe, Dorothy.....	Fresh.....	Ridgeville
Russell, Greta Mildred.....	Soph.....	Pomeroy
Russell, Mary Louella.....	Soph	Sarahsville

Name	Rank	Address
Rutledge, Mamie Lizbeth.....	Sen.....	Athens
Rutter, Glenna Maude.....	Fresh.....	Waterford
Sachs, Catherine Elizabeth.....	Fresh.....	Newark
Saunders, Arthur Clair.....	Fresh.....	Findlay
Schenck, Grace.....	Soph.....	Mt. Gilead
Schilling, Anna Helen.....	Fresh.....	Lowell
Schilling, Mary Leora.....	Jun.....	McConnelsville
Schleicher, Henrietta Moorehead.....	Soph.....	Lancaster
Schleicher, Mary Magdalene.....	Soph.....	Lancaster
Schmeltz, Esther Annie.....	Fresh.....	Rockyridge
Schreck, Leo Munoz.....	Fresh.....	California
Sears, Anna Marie.....	Fresh.....	Centerburg
Secoy, Ina Leona.....	Soph.....	Athens
Secrest, Edna Emma.....	Soph.....	Sarahsville
Seeman, Ethel Olive.....	Jun.....	Hartville
Severns, Edna Mildred.....	Soph.....	Mt. Vernon
Sharp, David Benjamin.....	Fresh.....	Athens
Sharp, Helen Julia.....	Fresh.....	Lancaster
Sharp, Ruth Elizabeth.....	Soph.....	Lancaster
Sheafer, Grace.....	Fresh.....	Doylestown
Sheridan, Helen Frances.....	Fresh.....	McConnelsville
Sherrick, Florence Irene.....	Fresh.....	Carroll
Shields, Mary Hambleton.....	Special.....	Athens
Shipley, Mary Ursel.....	Soph.....	Atlanta
Shippo, Belle.....	Fresh.....	Zanesville
Shirkey, Della Miriam.....	Fresh.....	Jacksonville
Shirley, Elmer Wesley.....	Fresh.....	Amesville
Sholl, Clarence Andrew.....	Special.....	Bremen
Shott, Vivian Richards.....	Soph.....	New Philadelphia
Shoof, Bernice Katherine.....	Fresh.....	Canton
Shuman, Grace Charlene.....	Fresh.....	Cambridge
Shuman, Lulu Elizabeth.....	Fresh.....	Sherodsville
Sidders, Auda Mae.....	Fresh.....	West Liberty
Sigler, Adah Ellen.....	Soph.....	Cortland
Sigler, Alice May.....	Fresh.....	Cortland
Skinner, Faye Lulu.....	Fresh.....	Newark
Skinner, Harley Clay.....	Fresh.....	Newark
Smedley, Margaret Gertrude.....	Soph.....	Youngstown
Smith, Nova Alvenzy.....	Fresh.....	Woodsfield
Smith, Viola May.....	Fresh.....	Congo
Smittle, Edwin.....	Fresh.....	West Union
Snell, Myrvil Ruth.....	Fresh.....	Crooksville
Snook, Martha Mabel.....	Fresh.....	McArthur
Snow, Ethel Mae.....	Soph.....	Mt. Vernon
Southard, Hazel Fern.....	Fresh.....	Newark
Spellacy, Catherine Elizabeth.....	Fresh.....	Wellston
Spracklen, Arlon Janiza.....	Soph.....	Kenton

Name	Rank	Address
Sprague, Edna McGrath.....	Jun.....	Athens
Stage, John Edward.....	Sen.....	Athens
Stalnaker, Eula Dale.....	Fresh.....	Andover
Starr, Chassie.....	Fresh.....	Frankfort
Starr, Elma Vera.....	Soph.....	Athens
Stauch, Minnie.....	Fresh.....	Newark
Staudt, Ralph Augustine.....	Fresh.....	Woodsfield
Steadman, Inez Edith.....	Fresh.....	Glouster
Stevens, Frances Folsom.....	Soph.....	Newark
Stevens, Jennie May.....	Fresh.....	North Fairfield
Stewart, Mary Agnes.....	Special.....	Tronton
Stillman, Brenda Frederica.....	Fresh.....	Andover
Stimson, Hazel Sophia.....	Soph.....	Chardon
Stinchcomb, Judd Thomas.....	Fresh.....	Sycamore
Stobbs, Susie May.....	Fresh.....	New Straitsville
Stockman, Emma Pearl.....	Fresh.....	South Crooksville
Strode, Hazel Dean.....	Fresh.....	Chesterhill
Strode, Jessie Augusta.....	Fresh.....	Chesterhill
Strong, Jessie Belle.....	Soph.....	Fredericktown
Stubbs, Treva Irene.....	Fresh.....	Greenville
Sullivan, Dallas.....	Special.....	Mt. Victory
Sutphen, Helen Marie.....	Fresh.....	Thurston
Swaim, Ethel Grace.....	Special.....	Tippecanoe
Swaim, Hannah Marie.....	Fresh.....	Athens
Swartz, Clara Bernice.....	Jun.....	McArthur
Talbott, Jean Elizabeth.....	Soph.....	Chillicothe
Taylor, Burdell M.....	Fresh.....	Alexandria
Taylor, Earl McGee.....	Fresh.....	Dresden
Taylor, Eunice Loa.....	Sen.....	McArthur
Taylor, Fern A.....	Fresh.....	Alexandria
Taylor, Verna Mattie.....	Fresh.....	New Waterford
Terwilliger, Leda Margherita.....	Soph.....	Athens
Thomas, Anna Belle.....	Soph.....	Cumberland
Thomas, Annetta.....	Fresh.....	Jackson
Thomas, Della Lee.....	Soph.....	Centerburg
Thomas, Florence Mae.....	Fresh.....	New Holland
Thomas, Harvey Dale.....	Fresh.....	Chesterhill
Thomas, Helen Alice.....	Fresh.....	Baltimore
Thomas, Helen Tedfor.....	Special.....	Jackson
Thomas, Nettie.....	Sen.....	Centerburg
Thomas, Ruth Christina.....	Soph.....	New Holland
Thomas, Thirza Eliza.....	Fresh.....	Baltimore
Thompson, Jean Louise.....	Fresh.....	Athens
Thornhill, Gertrude.....	Fresh.....	Wellston
Thourot, Susan Adella.....	Special.....	Stryker
Tilley, Margaret L.....	Special.....	Traverse City, Mich.
Tilley, Virginia Elizabeth.....	Fresh.....	Athens

Name	Rank	Address
Tom, Fred Lee.....	Jun.....	Athens
Touchman, Lottie Amelia.....	Soph.....	Piqua
Traverso, Josephine Candida.....	Fresh.....	Put-in-Bay
Treudley, Ruth, Ph. B.....	Sen.....	Athens
Tull, Elizabeth Ann.....	Soph.....	Chillicothe
Turner, Edythe Naomi.....	Fresh.....	Bellville
Unklefer, Rosalind.....	Fresh.....	Minerva
Van Dorn, Lena Matilda.....	Soph.....	Pataskala
Van Pelt, Bethel.....	Fresh.....	Highland
Van Pelt, Wayne.....	Jun.....	Highland
Van Scoyoc, Le Vaughn Grace.....	Fresh.....	Williamsfield
Van Voorhis, Almeda.....	Fresh.....	Mt. Vernon
Van Voorhis, Bessie.....	Fresh.....	Mt. Vernon
Verity, Jeannette Virginia.....	Soph.....	Nelsonville
Vester, Clara Elizabeth.....	Special.....	Chillicothe
Vincent, Elsie Vere.....	Soph.....	Van Wert
Waggoner, Clada Ruth.....	Jun.....	Jewett
Wagner, Ada Merle.....	Fresh.....	Athens
Walburn, Wesley.....	Fresh.....	Athens
Walker, Greta Edith.....	Fresh.....	Athens
Waller, Elsie Gertrude.....	Special.....	Jackson
Walpole, Branson Alva.....	Sen.....	Malta
Walters, Nellie Elizabeth.....	Fresh.....	Napoleon
Ward, Mary.....	Soph.....	Athens
Ward, Theron William.....	Jun.....	Athens
Wardell, Alta Grace.....	Fresh.....	Strasburg
Ware, Anna Marie.....	Jun.....	Frankfort
Warner, Edna May.....	Fresh.....	Sugar Creek
Warner, Mary Eva.....	Soph.....	Andover
Warner, Mary Lavinia.....	Fresh.....	Dundas
Warnock, Bernice Elizabeth.....	Special.....	Greenfield
Watkins, Nettie Elizabeth.....	Fresh.....	Athens
Watson, Carrie Mae.....	Soph.....	Athens
Watt, Agnes Rose.....	Special.....	Creswell
Weber, Maude Antoinette.....	Soph.....	Dexter City
Weik, Waldo Harrison.....	Soph.....	Mt. Healthy
Welch, Ruth Harriet.....	Sen.....	Norwalk
Welker, Adriel, B. S.....	Special.....	Albany
Wenzell, Helen Jane.....	Fresh.....	Lancaster
Werner, Margaret Henrietta.....	Soph.....	Cleveland
West, Fannie.....	Fresh.....	Oberlin
West, Mary Annis.....	Soph.....	Bainbridge
Westfall, Freda Blanche.....	Fresh.....	McArthur
Whitacre, Foster Elijah.....	Special.....	Graysville
White, Eliza Lorena.....	Soph.....	Chandlersville
White, Ida Florintha.....	Special.....	Artesia, N. Mexico
White, Joseph Cooke.....	Jun.....	New Concord

Name	Rank	Address
White, Mary Luanna.....	Soph.....	Chandlersville
White, Melba Rowena.....	Fresh.....	Athens
White, Otis Leo.....	Special.....	Hemlock Grove
Whiteman, Doris.....	Fresh.....	Napoleon
Whitsey, Edna Alice.....	Soph.....	Put-in-Bay
Whittlesey, Nola Cole.....	Soph.....	Atwater
Wilcox, Marian Lucy.....	Fresh.....	Youngstown
Wilkes, Marie Carsonia.....	Jun.....	Athens
Wiling, Corinne Wilhelmina.....	Fresh.....	Zanesville
Willerton, Nettie Elizabeth.....	Jun.....	Bellaire
Williams, David Burle.....	Fresh.....	Syracuse
Williams, Eva.....	Special.....	Lebanon
Williams, Jessie.....	Fresh.....	Pomeroy
Williams, Naomi ..	Fresh.....	Glouster
Williams, Roger Eugene.....	Special.....	Guysville
Williams, Verda E.....	Jun.....	East Liberty
Williams, Wilbur Milton.....	Special.....	Plainfield
Willis, Irma.....	Soph.....	Canton
Willis, Zoe.....	Soph.....	Wellston
Wilson, Arthur Lowell.....	Special.....	Wheelersburg
Wilson, Walter H.....	Fresh.....	London
Winters, Frances Alice.....	Jun.....	Athens
Woodell, Harriet Alice.....	Fresh.....	Wakefield
Woodland, Ellen Elizabeth.....	Special.....	Washington C. H.
Woodworth, Gladwin A.....	Special.....	Cortland
Wright, Florence Harriet.....	Fresh.....	Conneaut
Wright, Olivia Adaline.....	Soph.....	Logan
Yanit, Freda ..	Soph.....	Hannibal
Yealey, Nell.....	Fresh.....	Unionville Center
Yester, Cora Ann.....	Fresh.....	Gallipolis
Zeigler, Carl William.....	Special.....	Warren
Zimmerman, Elma Elizabeth.....	Fresh.....	Gnadenhutten
Zwickel, Floyd.....	Special.....	Logan

STATE PREPARATORY SCHOOL

All students taking work leading to collegiate
courses are enrolled here.

Name	Year	Address
Abersold, Rose Leah.....	Second.....	Cameron
Addicott, Cora Elizabeth.....	Fourth.....	Williamsfield
Alexander, Hope.....	Second.....	Sitka
Alexander, Mabel Margaret.....	Fourth.....	Toronto
Alexander, Mary Elizabeth.....	Fourth.....	Toronto
Allison, Herman Wallace.....	Second.....	Sonora
Amann, Elsie Hurst.....	Second.....	Marietta
Amerine, Arthur Truman.....	Third.....	Creola
Amerine, Ivan Robert.....	Third.....	Creola
Anderegg, Amy Magdalena.....	Second.....	Tippecanoe
Anderson, Glen.....	Second.....	Summerfield
Ankrom, Mona Hazel.....	Second.....	Allensville
Armstrong, Clarence Edward.....	Third.....	Bellville
Armstrong, Henry Philip.....	Third.....	Seaman
Atkins, Gertrude Alice.....	Second.....	Athens
Ator, Bertha Mabel.....	Second.....	Shade
Baker, Anna May.....	Fourth.....	Zanesville
Baker, Margery May.....	First.....	Athens
Ball, Ford Sylvester.....	Second.....	Brokaw
Barnes, Grace Adale.....	Second.....	Langsville
Barnhill, Amy Gertrude.....	Second.....	Guysville
Barnhill, Lulu Anna.....	Second.....	Guysville
Barnhill, Walter Everett.....	Second.....	Guysville
Baughman, Eva Ruth.....	Third.....	New Marshfield
Baughman, Everett.....	Third.....	New Marshfield
Beatty, Elizabeth Grover.....	Third.....	Luhrig
Beckley, Everett Asa.....	Fourth.....	McArthur
Beckley, John Earl.....	Second.....	Point Rock
Beekman, Grace.....	Second.....	Elm Grove
Beekman, Ivalue.....	Second.....	Elm Grove
Beekman, Latha Edith.....	Third.....	Elm Grove
Bell, Ida Jane.....	Second.....	Dixie
Benedict, Esther Leona.....	Fourth.....	Fleming
Blum, Clara Loretta.....	Second.....	Logan
Blum, Oscar.....	Second.....	Enterprise
Boarden, Nellie.....	Second.....	Logan
Boetticher, Albert Wesley.....	Fourth.....	Clarington
Bolen, Bessie.....	Second.....	Dexter
Bonnell, Foster Ray.....	Second.....	Cambridge
Bouts, John Edward.....	Fourth.....	South Webster
Bradbury, Victor Wymond.....	Second.....	Kyger
Brammer, Esther Olive.....	First.....	Chesapeake

Name	Year	Address
Brammer, Guy Orrin.....	Second.....	Givens
Brandle, Helen Minette.....	Fourth.....	Chillicothe
Brandom, Maree Abbie	Second.....	Athens
Brohard, Mabel.....	Second.....	Ray
Brown, Herbert Francis.....	Second.....	Beckett
Brown, Iscah May.....	Third.....	Agosta
Bunshaw, Jessie.....	Second.....	Haverhill
Burke, Hugh Russell.....	Second.....	Franklin Furnace
Burns, Dana Thurlow.....	Fourth.....	Guysville
Burns, Elijah Thomas.....	Second.....	Radcliff
Burns, Marie Caldwell.....	Third.....	Guysville
Burton, Otis Austin.....	Fourth.....	Leesburg
Cable, Louise Marguerite.....	Third.....	Denver, Colo.
Calhoon, William James.....	Fourth.....	Crooksville
Canfield, Freda Marie.....	Third.....	Fleming
Carothers, Helen Hannah....	Fourth.....	Cutler
Casley, Paul Bartlett.....	Second.....	Athens
Chapman, Clarence Orton.....	Fourth.....	Dexter
Chapman, Faye Marie.....	Third.....	Coolville
Chapman, Pallie Gail.....	Third.....	Coolville
Chappelear, William Kenneth.....	Third.....	Zanesville
Chappell, Dalton Orrin.....	Second.....	Shade
Chase, Don Edwin.....	Fourth.....	Athens
Chevalier, Willis Sheridan....	Second.....	Long Bottom
Clark, Chloe May.....	Second.....	Sugar Grove
Clark, Melvin Ray.....	Second.....	Carbondale
Clarke, Frances Etta.....	Fourth.....	Kimbolton
Clum, Samuel J.....	Third.....	New Philadelphia
Conaway, Otho Basil.....	Fourth.....	Zanesville
Cook, Ollie.....	Third.....	Bloomingsburg
Cooley, Ethel May.....	Second.....	Richmondale
Cooper, Ethel Raymond.....	Second.....	Ray
Cooper, Orland Clifford.....	Second.....	Ray
Core, Charles B.....	Second.....	Sherwood
Cottrill, Maude Elizabeth.....	Third.....	Radcliff
Craig, Sara Ethel.....	Second.....	Dixie
Cronin, Hazel Eska.....	Third.....	Graysville
Crow, George H.....	Second.....	Rutland
Crumley, Martha Mildred.....	Fourth.....	Athens
Culberson, Otho D.....	Second.....	Milledgeville
Cullen, Esther Mary.....	Third.....	Sandusky
Cullum, Walter Meredith.....	Second.....	Canaanville
Cullum, William Price.....	Third.....	Canaanville
Cummings, Davis Vincent.....	Second.....	Carpenter
Dabritz, Edward Norman.....	Second.....	Carbondale
Davis, Bruce Watts.....	Third.....	Somerset
Davis, Chester Francis.....	Fourth.....	Glouster

Name	Year	Address
Davis, Jessie Amine.....	Second.....	Dexter
Davis, Maye Amy.....	Third.....	Blazer
Davis, Russell Harley.....	Second.....	Somerset
Davis, Virgile.....	Second.....	Nelsonville
Dearth, Miles.....	Fourth.....	Summerfield
Dearth, Otto Art.....	Fourth.....	Summerfield
Deck, Joe Vern.....	Fourth.....	Blanchester
Devine, Grace.....	Second.....	Carbon Hill
Dickason, Gladys Marie.....	Second.....	Coalton
Dickinson, Lynette.....	Second.....	Cutler
Dickson, Audra Murle.....	First.....	Athens
Donley, Gerard Vernon.....	Fourth.....	Nelsonville
Donovan, John Paul.....	Fourth.....	Chillicothe
Dutton, Stanley.....	Third.....	Bremen
Dye, Mary.....	Second.....	Harrisonville
Earles, Fern.....	First.....	Chesapeake
England, Isaac Hugh.....	Fourth.....	Zanesville
England, Naomi Lucile.....	Third.....	Chauncey
Engle, Carl Arthur.....	Second.....	Logan
Enochs, Edgar Ernest.....	Second.....	London
Erskine, Ralph Waldo.....	Third.....	Zanesville
Etter, Grace Mohler.....	Second.....	Covington
Evans, Lucy Belle.....	Second.....	Shade
Evans, Nelle Blanche.....	Third.....	Shade
Ewing, Frances Rachel.....	Second.....	Ewington
Ewing, Rachel Frances.....	Second.....	Ewington
Faber, Corbett L.....	Second.....	Young, W. Va.
Fawley, Raymond Ulric.....	Second.....	Taylorville
Fidler, Lloyd Barson.....	Third.....	Athens
Fisher, Gideon Phipps.....	Second.....	Warren
Flaughner, Carey.....	Second.....	West Union
Floyd, Ada Leota.....	Third.....	South Perry
Floyd, Leafy Gretelle.....	Third.....	South Perry
Folden, Atta Vida.....	Second.....	Langsville
Ford, George William.....	Second.....	Millfield
Foster, Lucile Majorie.....	Second.....	Manchester
Francisco, Boyd Edward.....	Fourth.....	Rockbridge
Frantz, Guy L.....	Third.....	Lisbon
Fri, Olan Euzeda.....	Second.....	Athens
Gardner, Verna Gladys.....	Third.....	Chauncey
Gillette, Edwin Taylor.....	Third.....	Lancaster
Goddard, Charles Curtis.....	Fourth.....	Cutler
Halbirt, Leslie Elmer.....	Second.....	Canaanville
Hale, Charles Cunningham.....	Third.....	McConnelsville
Hall, Lillian Louise.....	Second.....	Chauncey
Hall, Ormsby Snyder.....	Second.....	Proctorville
Hall, Virgil Truman.....	Second.....	Proctorville

Name	Year	Address
Halliday, Mary Gladys.....	Second.....	Dexter
Halterman, Edna Bernice.....	Second.....	Beaver
Halterman, Mabel Marie.....	Second.....	Beaver
Hamilton, Howard Preston.....	Second.....	McConnellsville
Handley, Cecil Worth.....	Second.....	Pedro
Hare, Ada Marie.....	Fourth.....	Fincastle
Harkins, Nile Otto.....	Third.....	Woodsfield
Heckler, Christian Robert.....	Fourth.....	St. Marys
Heffner, Zennon Bemon.....	Fourth.....	Harrod
Heidorn, Edith Kern.....	Second.....	Black Fork
Henry, Ralph McDougall.....	Fourth.....	Amesville
Herr, Ross.....	Fourth.....	Malinta
Hickman, Perla Grace.....	Second.....	Ellenboro, W. Va.
Hill, Nita Nelle.....	Third.....	Athens
Hogue, Frank Lorin.....	Second.....	Newcomerstown
Holt, Kathryn.....	Second.....	Carbon Hill
Holton, Leslie Bryan.....	Second.....	St. Louisville
Hughes, Charles Clarence.....	Second.....	Vinton
Hutchinson, Calvin Clyde.....	Second.....	Logan
Jackson, Blanche Mabel.....	Second.....	Hales Creek
Jackson, Carl Newton.....	Second.....	West Union
Jamison, Sarah Pearle.....	Second.....	Georgetown
Jenkins, Roscoe James.....	Second.....	Kitts Hill
Jones, Irene Love.....	Second.....	Felicity
Jones, Rupel Johnson.....	Fourth.....	Athens
Judy, Marinda Violet.....	Third.....	New Marshfield
Kaltenbach, Edith Fern.....	Second.....	Dexter
Kern, Albert Fred.....	Second.....	Athens
Kientz, Eva Dolores.....	Fourth.....	Glouster
King, Robert Nelson.....	Second.....	Millport
Klieves, Margaret Isabel.....	Fourth.....	Wheeling, W. Va.
Knight, Charles William.....	Fourth.....	Lorian
Langdon, Alma.....	Second.....	South Point
Le Favor, Dean Hart.....	First.....	Glouster
Lee, Gladys Myrtle.....	Fourth.....	Cutler
Leeper, Elsie Iota.....	Second.....	Senecaville
Lent, Harry Webster.....	Third.....	Jacksonville
Lightfritz, Winifred.....	Third.....	New Marshfield
Linscott, Royal.....	Second.....	Chauncey
Long, Clara Belle.....	Third.....	North Fairfield
Looker, Edgar Merrill.....	Second.....	Bloomingsburg
Love, Thomas.....	Third.....	Byesville
Lowther, Robert Paul.....	Third.....	Guysville
Lust, Jennie Mildred.....	Third.....	Marion
Lyons, Henry James.....	First.....	The Plains
McCleery, Laura Helen.....	Third.....	Lancaster
McConnell, Eva Lucile.....	Second.....	Willow Wood

Name	Year	Address
McConnell, Garnett Mildred.....	Second	Willow Wood
McCraken, Pearl Marshall.....	Third	Cambridge
McCumber, Christopher Columbus	Second	Kenton
McGee, Flora Inez.....	Third.....	Caldwell
McManaway, Leo Francis.....	First	Jacksonville
McNamara, Edward Thomas	Fourth	Portsmouth
Mansfield, Ardie Lee	Third.....	Canaanville
Martin, Clio Florence.....	Second	Fleming
Martin, Earl Fletcher.....	Third	Seaman
Martin, Eva Lee	Third	Manchester
Martin, Russel Warren	Fourth	Malta
Massar, Ivan Ernest	Third	Long Bottom
Matteson, Sibyl	Second	Athens
May, Noel Bryan	Second	Manchester, Iowa.
Meadow, Christine Gertrude	Second	Ray
Meinke, William Gottlieb.....	Fourth	Oak Harbor
Mendenhall, Guy Marshall	Second	Dell
Meredith, Jennie Belle.....	Fourth	Freeport
Merritt, George Wood.....	Fourth.....	Mulberry, Fla.
Merry, Roma Zua	Second	Millfield
Merry, Ruby Sua	Second	Millfield
Messer, Grace Eliza	Fourth.....	Walbridge
Metcalf, Verner Ethelbert	Third	Waterford
Michael, Ray	Second	The Plains
Mickle, Herbert C.....	Fourth	Washington C. H.
Miller, Carl Rudolph.....	First.....	Lorain
Miller, Forest.....	Second.....	Ringgold
Miller, Guy Bashford.....	Third.....	Ringgold
Miller, Laura Elizabeth.....	Second	Ringgold
Miller, Laura K.....	Second.....	Moss Run
Miller, Mark Aurelius	Third.....	Ringgold
Mills, Helen Mildred Josephine.....	Fourth.....	Athens
Morris, Josephine Inez.....	Third	Barlow
Morris, Stella Tamar.....	Third.....	Black Run
Morrison, Archie Raymond.....	Second.....	Lower Salem
Morrison, Raymond Lamont.....	Fourth.....	Oil City, Pa.
Munyan, Vernon.....	Second.....	Culberson
Nelson, Emmett Gerald.....	Second.....	Kyger
Nelson, Florence Williams.....	Second.....	Kyger
Nesbit, Joseph Watson Blaine	Second	Manchester
Nicholson, Corinna Cornel.....	Second.....	Rutland
Noel, Garnet Susie.....	Fourth.....	Portsmouth
Noel, Helen Marie.....	Fourth.....	Portsmouth
O'Connell, Charles Wilmer.....	Second.....	East Springfield
Ogden, William Roy.....	Second.....	Carpenter
Ogg, Verda Lenora.....	Fourth.....	Ethel
Orr, Daisy Lucile.....	Second.....	Pratts Fork

Name	Year	Address
Oxley, Lena Bertine.....	Second.....	Athens
Oxley, Ralph Sidney.....	Second.....	Athens
Paynter, Grace.....	Third.....	Portland
Paynter, Roy H.....	Third.....	Portland
Pickens, Ivan.....	Third.....	Ulric
Place, Laura Ethel.....	Third.....	Little Hocking
Plummer, Harry Custer.....	Fourth.....	West Union
Plummer, Thomas Herbert.....	Fourth.....	Athens
Ponn, Blanche Chlora.....	Second.....	Alice
Ponn, James McMillin.....	Second.....	Wilkesville
Porter, Ethel Earriet.....	Fourth.....	Vincent
Primm, Edna Mae.....	Second.....	Ironton
Pugh, Cecil Carl.....	Second.....	Jacobsburg
Pugh, Dwight Malster.....	First.....	Vincent
Pugh, Virgie Agnes.....	Third.....	Roxbury
Quigley, Alma Leta.....	Third.....	Newcomerstown
Rader, Alfred Waldo.....	Fourth.....	Newport, Ky.
Rhollans, Mabel May.....	First.....	Athens
Richardson, Fanny Kerlestia.....	Third.....	Deucher
Ricketts, Howard Benjamin.....	Second.....	Shawnee
Riesbeck, Laura C.....	Third.....	Lewisville
Risch, Irvin.....	Second.....	Rockbridge
Roberts, Mildred Gray.....	Fourth.....	Nelsonville
Roberts, Vera Virginia.....	Fourth.....	McConnelsville
Roby, Florence Lulu.....	Second.....	Logan
Rodock, Zelpha Endsley.....	Fourth.....	Walhonding
Rose, Dwight Leslie.....	Second.....	Buffalo
Roush, Lester L.....	Second.....	Racine
Rowe, Chester Allen.....	Second.....	Cook
Rush, Eva Lena.....	Second.....	Hamden
Russell, Mary Vivian.....	Third.....	Millfield
Sailor, Hobart Andrew.....	Second.....	Corning
Sanders, Mary Captolia.....	Second.....	New Marshfield
Shafer, Kate.....	Second.....	Aid
Scott, Edward Buell.....	Third.....	Portsmouth
Scott, John Maxwell.....	Second.....	Hamden
Scott, Lindsay.....	Fourth.....	Corning, Ark.
Secrest, Harry Edwin.....	Fourth.....	Pleasant City
Shannon, Alice Magdalen.....	Third.....	Athens
Shannon, Ella Veronica.....	Third.....	Athens
Shaw, Charles Louis Marvey.....	Third.....	Athens
Sheppard, Frederick Emanuel.....	Fourth.....	Edinburg, Scotland
Sherburn, Bertha Edna.....	Fourth.....	Clearport
Shields, Linnie Mabel.....	Third.....	Torch
Shimmel, Vernon George.....	Third.....	Trees, La.
Shirkey, Carl.....	Third.....	Chauncey
Shriver, Mary Alberta.....	Fourth.....	Hilliards

Name	Year	Address
Shupe, Blanche Victoria.....	Fourth	Kingston
Shuster, Ardilla Mae.....	Fourth.....	Zaleski
Silvus, Effie..	Fourth.....	Athens
Skinner, Mary.....	Fourth	Barnesville
Sleeth, Lenora.....	Third.....	Dyesville
Smailes, James Orville...	Second.....	Conesville
Smart, Jessie Pearl.....	Third.....	Millfield
Smith, Anna Izora.....	Fourth.....	Marengo
Smith, Augusta Olive	Third	Willow Wood
Smith, Robert Alexander.....	Third.....	Athens
Sommer, Franklin Earl.....	Fourth.....	Dundee
Speer, Florence.....	Fourth	Bloomington
Speyer, Anna Belle.....	Fourth	Athens
Staats, Harold Ashton...	Second.....	Ripley, W. Va.
Staker, Pearl Clifford	Second.....	Franklin Furnace
Staneart, Charles Earnest.....	Fourth.....	Athens
Steele, Edgar Bracy.....	Second.....	Demos
Stephens, Arthur James	Second.....	Fleming
Stewart, Edith Rowena.....	Second.....	Woodsfield
Stewart, Velma Jean.....	Second.....	Aid
Stockwell, Hugh Sylvester.....	Second.....	Lynchburg
Stone, Clara Mae	Second.....	Logan
Stone, Elmer Arvil.....	Second.....	Ripley, W. Va.
Stone, Goldie Mae.....	Fourth.....	Orland
Stoughton, Joseph D.	Second.....	Lancaster
Strausbaugh, Henry Verne.....	Second	Langsville
Sturgill, Susie Sufy.....	Second	Carbondale
Swartz, Delbert Wilson.....	Second.....	McArthur
Sweazy, Harry William.....	Second	Logan
Swickard, Cook	Third	Toronto
Swickard, Gladys Edna.....	Third	Toronto
Swinehart, Ross Poorman.....	Third	Somerset
Thompson, Charles Herbert.....	Second	Adamsville
Thompson, Goldie Mae.....	Second	Dundas
Timmons, Benjamin Finley.....	Second.....	Gillespieville
Tippie, Edith.....	First.....	Athens
Tippie, Villa Florence	First.....	Athens
Tom, Glendola Mae	Second.....	Hemlock
Tracy, Everett John	Second	Pomeroy
Tracy, Nellie Halliday.....	Second.....	Pomeroy
Trittipo, Dwight Davies.....	Fourth.....	Adamsville
Ulrich, Anna Marie.....	Second	Lewisville
Ulrich, Victoria Helena.....	Third.....	Lewisville
Vance, Wilbur Hoadley.....	Second	Hillsboro
Vanderford, Eliza Lidora.....	Second	Zaleski
Varner, Carrol S.....	Second.....	Fallsburg
Wagner, Walter Joseph.....	Second	Lorain

Name	Year	Address
Walsh, Josephine	Third	Vincent
Wamsley, Peryle Steen	Second	Stout
Ward, Grace Elizabeth	Fourth	Clarington
Ward, Juanita Alice	Fourth	Clarington
Warner, Esta Elizabeth	Second	Harrisonville
Warren, Josiah	Second	Scioto
Watkins, William Poston	Second	Athens
Watrous, Pearl Nettie	Second	Chesapeake
Watts, Grace Elizabeth	Fourth	Rainsboro
Weaver, Marie Olive	Second	Cherryville
Weekley, Bertha Leota	Second	Belmont
Weinrich, Eugene	Second	Beecher
Whaley, Raymond Earl	Second	Pratts Fork
Wharton, Edith Marjorie	Third	New Marshfield
Wharton, Florida Edna	Third	New Marshfield
Whitacre, Nina	Second	Graysville
Wickoff, James Lee	Second	Bentonville
Wiggins, Ina Hazel	First	Moxahala
Woodroof, Lillian E.	Second	Washington C. H.
Woods, Sevah	Second	Ironton
Work, Owen James	Second	Millersburg
Workman, Benson Earl	Fourth	Lynchburg
Wyckoff, Grace Emma	Fourth	Athens
Young, Earl Ellsworth	Third	Millersburg
Zimmerman, Carl Herman	Second	Toledo

GENERAL SUMMARY

1914-15

College of Liberal Arts		
Graduate Students.....	7	
Class of 1914.....	40	
Seniors.....	63	
Juniors.....	44	
Sophomores.....	129	
Freshmen.....	156	
Irregular and Special.....	141	
	<hr/>	580
State Normal College		
Graduate Students.....	6	
Class of 1914.....	34	
Seniors.....	33	
Juniors.....	51	
Sophomores.....	193	
Freshmen.....	350	
Irregular and Special.....	112	
State Preparatory School.....	349	
	<hr/>	1128
Summer School (Total 2404) counting only those not enrolled elsewhere	1924	
	<hr/>	
Total.....	3632	
Names counted more than once.....	3	
	<hr/>	
Net Total.....	3629	
University Extension Students (Total 1188) counting only those not enrolled elsewhere.....	688	
	<hr/>	
Grand Total.....	4317	

 ENROLLMENT OF STUDENTS FOR THE
PAST FIVE YEARS

1910-11	1911-12	1912-13	1913-14	1914-15
1787	1832	2037	2276	4317

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UNIVERSITY CALENDAR

1914-1915

SECOND SEMESTER

Saturday, January 30.....Registration of Students.
Monday noon, February 1.....Recitations Begin.
Friday noon, April 2.....Easter Vacation Begins.
Monday noon, April 12.... Easter Vacation Ends.
Thursday noon, June 17.... Commencement Day and the Close
of the Second Semester.

SUMMER SCHOOL

Saturday, June 19.....Registration of Students.
Monday, June 21.....Registration of Students.
Friday, July 30.....Close of Summer School.

1915-1916

FIRST SEMESTER

Saturday, September 11.....Registration of Students.
Monday, September 13.....Registration of Students.
Tuesday, September 14.....Recitations Begin.
Wednesday noon, November 24.. Thanksgiving Recess Begins.
Monday noon, November 29.....Thanksgiving Recess Ends.
Wednesday, December 22.....Holiday Recess Begins.
Wednesday, January 5.....Holiday Recess Ends.
Friday, February 4.....First Semester Ends.

SECOND SEMESTER

Saturday, February 5.....Registration of Students.
Monday, February 7.....Recitations Begin.
Friday noon, April 21.....Easter Vacation Begins.
Monday noon, May 1.....Easter Vacation Ends.
Thursday noon, June 22.... Commencement Day and the Close
of the Second Semester.

SUMMER SCHOOL

Saturday, June 24.....Registration of Students.
Monday, June 26.....Registration of Students.
Tuesday, June 27.....Recitations Begin.
Friday, August 4.....Close of Summer School.







UNIVERSITY OF ILLINOIS-URBANA



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